UNIVERSITY OF SASKATCHEWAN
Canadian Centre for Rural and Agricultural Health
CCHSA-CCSSMA.USASK.CA

CCRAH ANNUAL REPORT 2025-2026

40 Years Strong

Rooted in Community, Driven by Research



WE ARE CCRAH



DEVELOPING AND OFFERING PROGRAMS, RESOURCES, AND SERVICES TO RURAL AND AGRICULTURAL PEOPLE - BUILT THROUGH STRONG PARTNERSHIPS AND BACKED BY CUTTING-EDGE RESEARCH.

OUR MISSION

To move rural health research to action through programs and resources to support rural people to live and work healthy and safe.

OUR STRATEGY

We are a developer, collaborator, source,connector, and catalyst to advance research, knowledge mobilization, and services in the health and safety of rural and agricultural populations.

OUR VISION

A world where rural people are understood as the basis of rural sustainability.

PARTNERSHIP

INNOVATION

SHARING

COLLABORATION

IMPACT

COMMITMENT

TABLE OF CONTENTS

01

CCRAH Highlights 05

- Collaborations & Partnerships 06
- Knowledge Mobilization & Communications 07
- CCRAH Donors and Funders 08
- Activity Highlights 11
- Visiting Scholars 17
- Congratulations! 18
- Awards and Scholarships 20

02

CCRAH Outreach Activities 26

- Conferences, Meetings, and Symposia 27
- Trade Shows 30

03

CCRAH Infrastructure and Research 32

- Rural Health and Agricultural Injury Control Laboratory 34
- Omics Laboratory 38
- Occupational Hygiene and Environmental Exposures Laboratory 40
- Biomechanics and Ergonomics Laboratory 42
- Rural Dementia Laboratory 46
- Rural and Remote Access to Care Laboratory 51
- Commercialization and Innovation Laboratory 55
- Health and Safety Outreach Laboratory 57
- Rural Wellness Communications Laboratory 69

Invited Presentations 74

Conference Presentations 76

Publications 83

Grants 89

Faculty, Staff, and Students 94

Partners 98



CCRAH HIGHLIGHTS

Collaborations & Partnerships

17 Resident Faculty
50 Staff
60 Undergraduate, Graduate, and Post-Doctoral Students

105 Collaborators and Members

26 Funding Supports

65 Industry Partners

73 First Nation Partners and **204 Rural Municipality Members**

Research

55 New Research Grants supporting CCRAH research

$26,813,396

Donor Funding supporting CCRAH's infrastrucutre and outreach activities

$1,959,831

55 research grants supporting CCRAH Research

60 published Peer - Reviewed Papers

56 Conference Presentations

Programs & Services

Rural and Remote Memory Clinic

- Delivered to **81 patients** and **91 family members and care givers**

Rural PHC Memory Clinics

- Delivered to **73 patients** at **43 clinics** in **10 communities** in SK

One2One Clinics:

- Delivered to **23 RMs**
- Delivered to **115 Participants**
- **9660 KMs** travelled

Discovery Days Presentations:

- Delivered to **24 rural schools**
- Delivered to **999 Students**
- **7,057 KMs** travelled

Knowledge Mobilization & Communications

4 New Editions of Boots on the Ground to 315 Recipients

2 New Editions of Network News to over 25,000 farm families

10 Interviews, Podcasts, and News Articles

9 Trade Shows

99 Presentations

54 Conferences, Meetings, and Events

9 New Resources

41 Existing Resources

8 New Videos

82 Existing Videos

2,156 Total Subscribers

121,766 Views

1,218

posts on CCRAH and CCRAH-related social media accounts

5,927

Social Media followers

64 Events

Including:

- Ag in Motion
- Canada's Farm Show
- Celebrating Rural Ranching Women
- 620 CKRM Country CookOut
- RaDAR Annual Summit
- Department of Medicine Undergraduate Research Day

CCRAH DONORS AND FUNDERS

CCRAH's **Founding Chairs Management Committee** oversees donor funds coming to the Centre. The Founding Chairs advisory team is designated by the USask President, and includes fund donors and USask representatives.
The original **Founding Chairs Fund** for CCRAH was created in 1990 with financial support from leading agricultural organizations, families and individuals as listed below. These funds are endowed and provide an annual allocation.
The **Program Enhancement Fund** is an expendable donor pool. These donors help us reach our mission by making our programs, services, and resources available to support rural and agricultural people to live and work healthy and safe.

Program Enhancement Fund

- Farm Credit Canada
- Canadian National Railways
- Viterra
- The Co-operators Group Ltd.
- Federated Co-operatives Ltd.
- Anonymous Donors

Founding Chairs Trust Fund

- Saskatchewan Lung Association
- Federated Co-operatives Ltd.
- Dr. Peter D. Stewart Trust
- The Senator Norman M. Paterson Foundation
- Credit Union Central of Saskatchewan
- Saskatchewan Wheat Pool
- SaskPower Corporation
- Canadian National Railways
- The Canadian Wheat Board
- Hoechst Canada Inc.
- Hutterian Brethren Communities
- SPI Marketing Group
- Crop Protection Institute
- Intercontinental Packer Ltd.
- Alberta Wheat Pool
- Manitoba Pool Elevators
- Co-operative Trust Company of Canada
- The Co-operators Group Ltd.
- The Cumis Group Ltd.
- Canadian Pacific Ltd.
- Saskatchewan Knights of Columbus Charitable Foundation
- Massey-Ferguson Industries Ltd.
- Flexi-Coil Ltd.
- Horned Cattle Trust Fund
- SaskEnergy Inc.
- Individual Donors

PEOPLE GIVING BACK TO CCRAH

The strong relationship between CCRAH and the Saskatchewan farming community is exemplified by the **Elkow family fund**, established in 2012 by the estate of Helen Elkow. From the will of Ms Helen Elkow, it stated that "after the death of both of my brothers, namely Peter and Philip, I direct my Executor to sell my farm land, for the best price available ... and donate the balance of the money in my Estate to the Centre for Agricultural Medicine for research in the name of the Elkow family – Helen, Peter and Philip."

The **Bilokreli Family Trust** honours Helen and Eunice Bilokreli, the only girls in a family of nine with farm roots near Theodore, Saskatchewan. Both women supported research and scholarships for rural and agricultural health with financial contributions. The trust supports the CCRAH based Rural Dementia Action Research (RaDAR) team's work to improve delivery of rural dementia care.

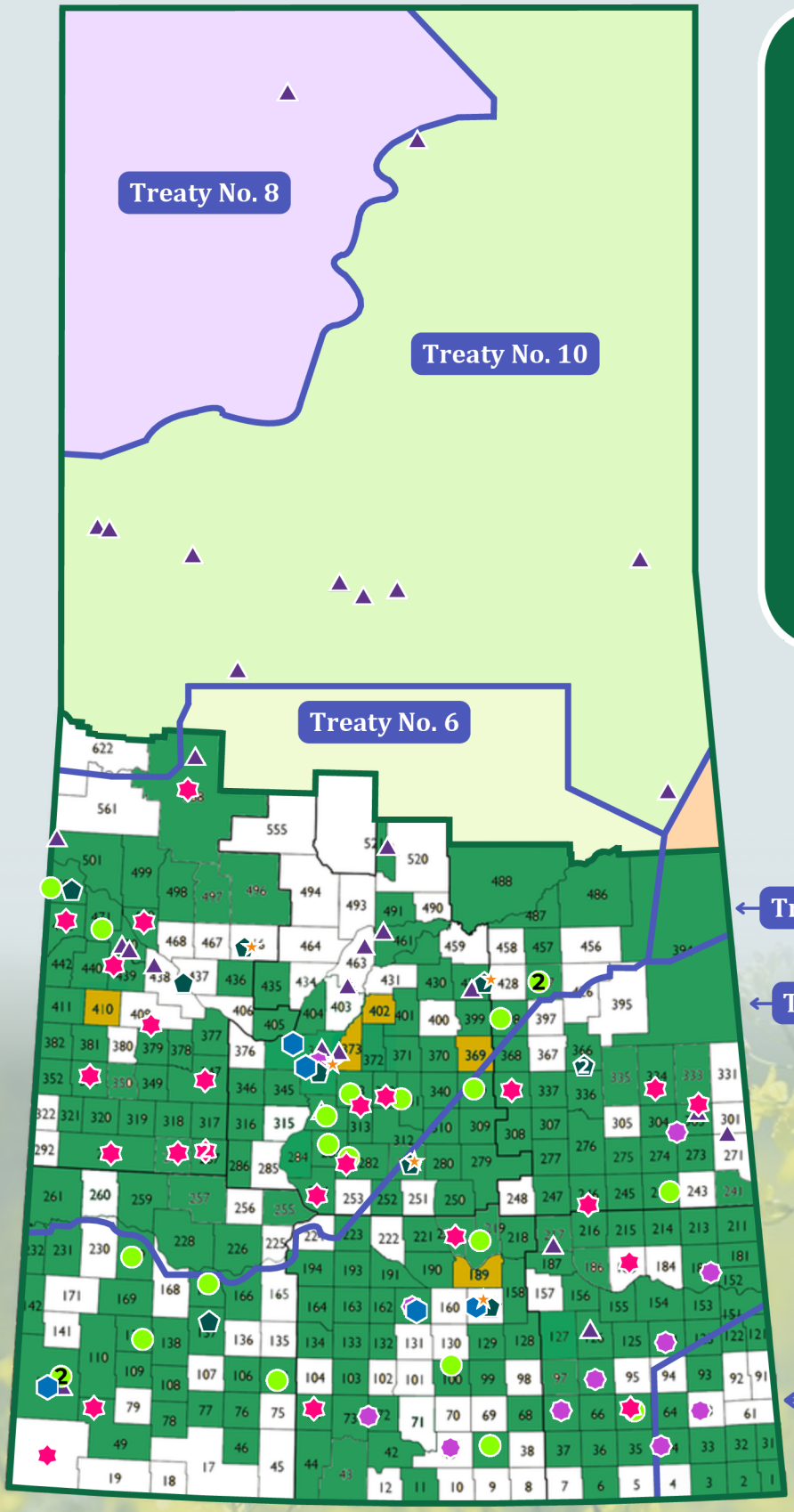
Bilokreli Family Fund



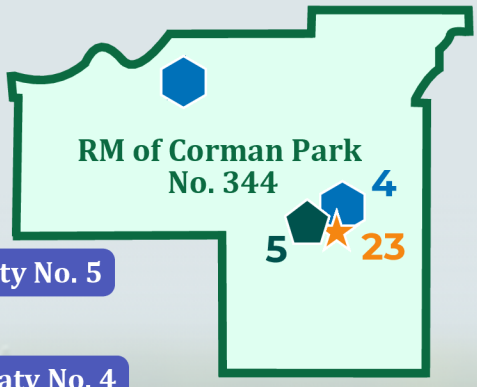
Helen and Eunice Bilokreli

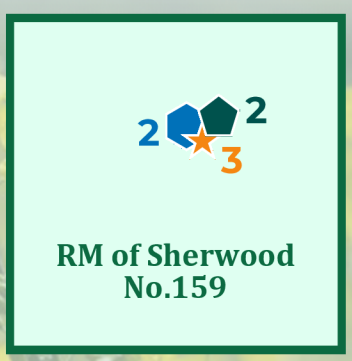
Anonymous and personal donors play an essential role in helping CCRAH reach it mission to support rural and agricultural people in Saskatchewan and across Canada. These generous contributions directly empower our research programs, outreach initiatives, and specialized health care services, ensuring we can address the unique challenges faced by people living and working in rural and agricultural spaces. Every donation—whether named or anonymous—helps us advance safety, health, and well-being where it matters most. Thank you for putting your boots on the ground with us as we support rural and agricultural people to stay safe and healthy where they live and work.

WHERE CCRAH HAS BOOTS ON THE GROUND



- AHSN Member RMs
- AHSN Founder RMs
- One2One & CANWORKSAFE Clinics
- Discovery Days
- Presentations (SK)
- Trade Shows
- Conferences, Meetings, and Events (SK)
- RaDAR PHC Memory Clinics
- Indigenous Community Partners





Activity Highlights

SARM Annual Convention & Trade Show 2026





The AHSN trade show booth at the SARM Annual Convention & Trade Show 2026.
From left to right: ***Darin Pedersen*** *(AHSN Steering Committee chair),* ***Dr. Shelley Kirychuk*** *(Director of the Canadian Centre for Rural and Agricultural Health),* ***Shelly Sander*** *(AHSN),* ***Kendra Ulmer*** *(Manager of the AHSN),* ***Dallas Leduc*** *(co-host of the Bunny Hug Farmers podcast)*

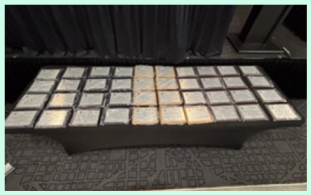
The annual convention and trade show draws roughly 2,000 delegates and guests from across the province and provides SARM members the opportunity to gather as a whole to vote on and debate resolutions, discuss current issues, and participate in dialogue sessions with provincial and federal government officials. The SARM Annual Convention dates back over a hundred years. The trade show has become a signature event that draws our rural municipal leaders. During the convention and trade show, we hosted our Annual General Meeting as well as announced the *SARM Scholarship* winners and the *Ike Thiessen: Building the Foundation Award* winner!

Agricultural Health and Safety Network Annual General Meeting

The Agricultural Health and Safety Network reviewed and discussed the Annual Report and budget, and presented awards to RM members who have been with the organization for 5, 10, 15, 20, 25, 30, and 35 years. These awards celebrate the dedication of Network members. You can find the list of Rural Municipality Membership Award recipients on page 10 of this annual report.







WHAT
did you
SAY?





WHAT
did you
SAY?
YOU NEED PROTECTION
Stronger Together


Stronger Together


WHAT
did you
SAY

RoadData
AGRICULTURA
SAFETY NETW
IS YOUR RM A
OF THE NETW



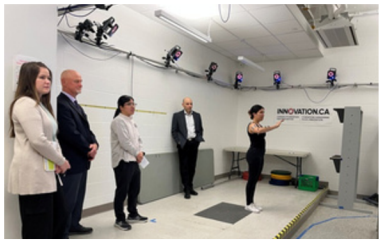
CCRAH Open Houses

In 2025, we continued to foster meaningful connections through two successful Open House events, highlighting our commitment to transparency, collaboration, and innovation in rural health and safety research.











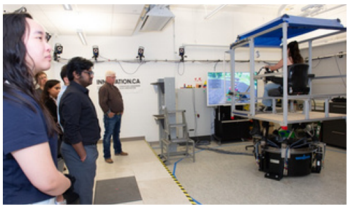
On June 3rd, CCRAH welcomed 27 registered guests for a behind-the-scenes look at our state-of-the-art facilities and the cutting-edge work taking place within them. Attendees had the opportunity to engage directly with the experts driving our research and learn how CCRAH is helping position the University of Saskatchewan as a leader in rural health advancements provincially and nationally. The event brought together representatives from the College of Medicine, the Saskatchewan Ministry of Labour Relations and Workplace Safety, and the Farm Health and Safety Council, along with distinguished guest the Honourable Lori Carr, Saskatchewan's Minister of Mental Health and Addictions, Seniors and Rural and Remote Health.

Building on this momentum, a second Open House was held on October 8th, welcoming 33 registered attendees. Guests included Program Specialists from the Saskatchewan Ministry of Agriculture, representatives from the Saskatchewan Association of Rural Municipalities (SARM), and members of the University of Saskatchewan's senior leadership team. Participants once again experienced an in-depth look at CCRAH's advanced research infrastructure and connected with the dedicated professionals advancing rural and agricultural health and safety.

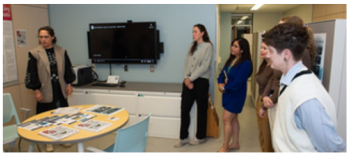












Both events provided valuable opportunities to strengthen partnerships, showcase our research capacity, and engage key stakeholders across government, academia, and the agricultural sector.

RaDAR Receives Increased Provincial Funding to Expand Dementia Care Services

The newly secured funding ensures the continued operation and major expansion of the specialist Rural and Remote Memory Clinic (RRMC). The continued support allows the specialist RRMC to expand from one to three clinic days per week, tripling diagnostic capacity and significantly reducing current wait times, which exceed one year. The expansion also secures support of the network of Rural Primary Care Memory Clinics, currently provided by primary health care teams in several communities with plans to expand to more areas. These clinics are part of primary health care operations within the Saskatchewan Health Authority and address the need for specialized care locally without travel to a major city.

620 CKRM Country CookOut

Thank you to Sheri and Darin Pedersen for inviting us to be part of their winning 620 CKRM Country Cookout at their farm in the RM of Prairie Rose #309!
We had a fantastic time, and it was great to meet and chat with 620 CKRM and the Cookout sponsors, the Pedersen family and their friends that support the farm, their workers, and community members. Like many farms in Saskatchewan, it is a proud family operation, with the family caring for and harvesting their land well over 100 times.
Sheri and Darin are strong supporters of CCRAH and the AHSN. Darin Chairs our AHSN steering committee and Sheri presents our Discovery Days program to rural schools.
We outfitted attendees with CCRAH/AHSN safety gear including our sun safety hats.







The Pedersen family hosting the 620 CKRM Country Cookout at their family farm including a delicious meal and great conversations.

SIPPA Meeting with Federal Minister and MPs

The Canadian Centre for Rural and Agricultural Health hosted The Honorable Marjorie Michel, Minister of Health, the Honorable Buckley Belanger, MP Desnethe-Missinippi-Churchill River and representatives of Society of Rural Physicians of Canada, and the Saskatchewan International Physician Practice Assessment (SIPPA) program on January 16, 2026.



From left to right: Dr. Jon Witt, Director, SIPPA Program, CME | The Honorable Marjorie Michel, Minister of Health | Dr. Brian Geller, Saskatchewan Representative, SRPC | Dr. Gavin Parker, President, SRPC | Dr. Sarah Giles, President Elect, SRPC | The Honorable Buckley Belanger, MP Desnethe-Missinippi-Churchill River



CCRAH Featured in Horizons Europe's The Innovation Platform

CCRAH was featured in the Innovation News Network publication by Horizons Europe! The article highlights our community-driven research-to-action cycle, which guides our approach to meaningful and impactful research. It also showcases our cutting-edge, CFI-funded research infrastructure—nine specialized labs that support and stimulate our innovative research.

To read the article, visit https://bit.ly/CCRAH_HorizonsEurope

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Sowing Seeds of Resilience
with
THE RECOVERING FARMER

On April 17,2025, we were honoured to host a powerful and candid webinar to 17 participants featuring Gerry Friesen, The Recovering Farmer. During the session, Gerry shared his personal mental health journey and how it has shaped his life in agriculture. His reflections offered participants meaningful insights into navigating stress, strengthening resilience, and supporting well-being in the agricultural community.



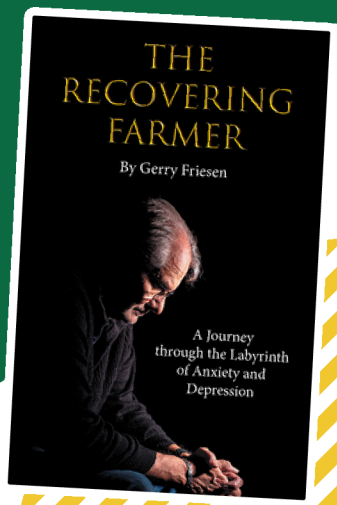
DID YOU MISS THE WEBINAR?



The recording of the *Sowing Seeds of Resilience* webinar is available on CCRAH's YouTube channel!

SCAN THE QR CODE TO WATCH THE WEBINAR AND ACCESS OTHER MENTAL HEALTH IN AGRICULTURE RESOURCES!

Congratulations to Sueli and Alison, winners of our book giveaway! We hope you enjoy your copy of The Recovering Farmer: A Journey through the Labyrinth of Anxiety and Depression.



Thank you to everyone who attended the webinar!

Visiting Scholars

Jessie Adams from National Centre for Farmer Health



From Left to Right: Karen Marcinkiw, Jessie Adams, Kendra Ulmer, Shelly Sander

In June, CCRAH and the Agricultural Health and Safety Network were thrilled to host Jessie Adams from the National Centre for Farmer Health! Her visit provided a wonderful opportunity to showcase our grassroots initiatives and research, especially our Discovery Days program, and to highlight its meaningful impact across Saskatchewan. Jessie also joined us for a Discovery Days presentation at Colonsay School on June 13th, where she experienced firsthand how we engage youth in farm safety education.

Claire Catford - Nuffield Scholar



From Left to Right: Karen Marcinkiw (Agricultural Health and Safety Network), Kendra Ulmer (Agricultural Health and Safety Network), Dr. Merle Massie (The Do More Agriculture Foundation), Claire Catford (Nuffield Scholar), Dr. Shelley Kirychuk (Canadian Centre for Rural and Agricultural Health), Dr. Michelle Pavloff (FARMh/SaskAgMatters)

On August 12th, CCRAH, alongside partnering organizations The Do More Agriculture Foundation and SaskAgMatters, met with Claire Catford, Nuffield Scholar, to highlight ongoing efforts to support the physical and mental wellbeing of farmers in Saskatchewan and across Canada.

As part of her Nuffield research, Claire is exploring how major changes such as increased farm scale, technological adaptation, heightened social responsibility, and regulatory compliance impact farmers and rural people. Her work focuses on strategies that strengthen both physical and mental health for farmers while fostering resilient rural communities.

Congratulations!

- **Benjamin Gould, PhD defense.** Thesis title: Mental wellness needs and technological resourcing with the Mi'kmaq population of PEI: A journey of research process, discovery, opportunity, and growth. Supervised by: Dr. Megan O'Connell. Defense date: October 2025. Department of Psychology and Health Studies.
- **Seshni Naidoo, MSc defense.** Thesis title: Nutrition Care in "House Model" Long-Term Care: A Collective Case Study. Supervised by Dr. Allison Cammer. Defense date: May 2025. College of Pharmacy and Nutrition.
- **Logane Gnassi.** (Psychology and Health Studies). Co-Supervisors: Dr. Megan O'Connell and Dr. Julie Kosteniuk. **Canada Graduate Research Scholarship-Master's Program**, $27,000/year, 2026 to 2027. April 2026.
- **Amanda Dupperon.** (Health Sciences). Co-supervisors: Dr. Julie Kosteniuk and Dr. Allison Cammer, **Saskatchewan Centre for Patient-Oriented Research Trainee Engagement with Patients (STEP) Funding**, $1,200, May 2025.
- **Heather Alford.** (Nutrition), Supervisor: Dr. Allison Cammer, University of Saskatchewan, **College of Graduate and Postdoctoral Studies,75th Anniversary Scholarship** $25,000, September 2025.
- **Dr. Lang was awarded tenure and promotion to Associate Professor**, effective July 1, 2025.
- **Dr. Lang was recognized as the Department of Medicine's Researcher of the Year.**
- **Dr. Lang won a 2nd place Presentation Award (2nd Place) at the Department of Medicine's Research Day.**
- **Dr. Lang** was recognized by CIHR as an **Outstanding Reviewer in their Fall 2024 Project Grant competition**, a recognition for 17% of reviewers.
- **Denise Balogh** received the **University of Saskatchewan's Dean's Scholarship**, a two-year scholarship awarded to high-calibre students on campus.
- **Sarah Fitzgerald** won a **2nd Place Poster Presentation Award (2nd Place) in her category at the Life and Health Sciences Research Day in May.**
- **Sarah Fitzgerald** (PhD student) **and Sara Sagen** were awarded the **Health Sciences Graduate Scholarship** for the 2025-26 academic year.
- **Lauryn Campbell** (MSc student) was awarded a **First Place Presentation Award at the 6th Annual Engineering Graduate Research Conference** at the University of Saskatchewan.
- **Hannah Verity** (MD Dean's student) was awarded **Third Place Presentation Awards** for her presentation at the College of Medicine **Undergraduate Research Symposium** in October.
- **First Place Presentation Award, Lauryn Campbell, 6th Annual Engineering Graduate Student Conference**, University of Saskatchewan, 500(CAD), August 2025

- Congratulations to **Dr. Stacey Lovo for receiving tenure and promotion to Associate Professor** within the School of Rehabilitation Science in July 2025!
- **Brenna Bath- Saskatchewan Physiotherapy Association, Joyce Manton Award for Leadership & Professional Involvement**- April 2026
- **Alejandra Castillo Toro, MSc Defense.** Thesis title: Antimicrobial-Resistance Genes in Bioaerosols from Saskatchewan Livestock Operations. Supervisor: Dr. Shelley Kirychuk. Defense Date: May 15th, 2025
- **Brooke Thompson, HUPO Travel Award for the Human Proteome Network Conference 2025**, $500 USD.
- **University of Saskatchewan Conference Travel Award for Daniel Chao** (Supervisor: Dr. George Katselis, Co-supervisor: Dr. Stephan Milosavljevic), University of Saskatchewan, $500 (CAD), 2025-2026
- **Health Sciences Graduate Student Scholar for Daniel Chao** (Supervisor: Dr. George Katselis, Co-supervisor: Dr. Stephan Milosavljevic), University of Saskatchewan, $25,000 (CAD), 2025-2026
- **Biomedical Sciences Summer Student Scholarship for Atharv Govardhan** (Supervisor: Dr. George Katselis), University of Saskatchewan, $9.747 (CAD), 2025

Awards and Scholarships

Saskatchewan Association of Rural Municipalities 90th Anniversary Scholarship

In 1995, the Saskatchewan Association of Rural municipalities (SARM) auctioned off the first copy of their history book, "The Building of a Province: Commemorating the 90th Anniversary of the 90th Anniversary of the Saskatchewan Association of Rural Municipalities and with these funds initiated the Saskatchewan Association of Rural Municipalities 90th Anniversary $1,000 Student Scholarship in Agricultural Safety and Rural Health. Since 1996, The Canadian Centre for Rural and Agricultural Health (CCRAH), University of Saskatchewan through its Founding Chairs Program has maintained the Agricultural Safety and Rural Health Scholarship. In the 2013-2014 school year, CCRAH started offering two $1,500 Student Scholarships.

The winners of the 2025-2026 SARM Scholarship

Keith Daae - RM of Cambria #6, Div. 1
Liam Reeve - RM of Big Quill #308, Div. 4



Keith Daae
RM of Cambria #6, Div. 1

"When safety and health are taken seriously, the farm runs smoother and people feel more confident doing their jobs. Making safety a priority helps protect everyone on the farm and helps make sure everyone goes home safe at the end of the day."
Keith Daae - RM of Cambria #6, Div. 1



Liam Reeve
RM of Big Quill #308, Div. 4

"To establish the safety of our farm, we focus on communication and preparation for our employees. We have weekly Monday morning meetings which we use to discuss potential close call accidents and how to properly complete tasks safely."
Liam Reeve - RM of Big Quill #308, Div. 4

Ike Thiessen: Building a Foundation Award



About Ike Thiessen

The inaugural Ike Thiessen: Building a Foundation Award was presented in March 2020 to the Saskatchewan Association of Rural Municipalities (SARM) recognizing the fundamental role they play in helping grow and enhance the activities of the Agricultural Health and Safety Network. Isaac (Ike) Thiessen was a farmer in the rural municipality of Aberdeen (RM #373) and president of the Saskatchewan Association of Rural Municipalities (SARM) from 1986 – 1988. Ike was instrumental in the recruiting of the first RMs in 1988 to join the Agricultural Health and Safety Network setting the foundation for future growth.

This award is given annually in recognition of the support and dedication to the Agricultural Health and Safety Network for helping us further our mission and build a foundation of health and safety for agriculture in Saskatchewan.

The Ike Thiessen: Building the Foundation Award Winners of 2025 - 2026

This year's Ike Thiessen: Building a Foundation Award goes to **Sheri and Darin Pedersen**!

Sheri and Darin are strong supporters of CCRAH and the AHSN. Darin chairs our AHSN steering committee and Sheri presents our Discovery Days program to rural member RM schools.



This award is in recognition of Sheri and Darin's exceptional support, dedication, and contribution to promoting health and safety in Saskatchewan. Thank you, Sheri and Darin, for your continuous support and dedication to supporting the health and safety of farm families in Saskatchewan.

AHSN RM MEMBERSHIP AWARDS

SOWING THE SEEDS OF FARMER AND RANCHER HEALTH AND SAFETY

The Agricultural Health and Safety Network presents awards to member RMs who have supported our outreach for 5, 10, 15, 20, 25, 30, and 35 years. We recognize and celebrate their continued support of our efforts.

Founding RMs: 1988

R.M. of Lumsden No. 189, R.M. of St. Peter No. 369, R.M. of Aberdeen No, 343, R.M. of Fish Creek No. 402, R.M. of Round Valley No. 410.

5 YEARS

N/A

10 YEARS

RM of St. Andrews No. 287

15 YEARS

N/A

20 YEARS

RM of Whiska Creek No. 106
RM of Bratt's Lake No. 129
RM of Lipton No. 217
RM of Biggar No. 347

25 YEARS

RM of Waverley No. 44
RM of Brokenshell No. 68
RM of Cupar No. 218
RM of Loreburn No. 254
RM of Elfros No. 307
RM of Winslow No. 319
RM of Oakdale No. 320
RM of Viscount No. 341
RM of Progress No. 351
RM of Hudson Bay No. 394
RM of Douglas No. 436
RM of Prince Albert No. 461

30 YEARS

RM of Eyebrow No. 193
RM of McKillop No. 220
RM of Buchanan No. 304
RM of Dundurn No. 314
RM of Prairiedale No. 321
RM of Wolverine No. 340
RM of Corman Park No. 344
RM of Heart's Hill No. 352
RM of Grant No. 372

35 YEARS

RM of Argyle No. 1
RM of Martin No. 122
RM of Cana No. 214
RM of Garry No. 245
RM of Sliding Hills No. 273
RM of Wreford No. 280
RM of Rosedale No. 283
RM of Pleasant Valley No. 288
RM of Big Quill No. 308
RM of LeRoy No. 339
RM of Grandview No. 349
RM of Bayne No. 371
RM of Rosemount No. 378
RM of Lake Lenore No. 399
RM of Redberry No. 435

FARM SAFETY DRAWING CONTEST

From July 15 to December 15, 2025, we held our annual Farm Safety Drawing Contest. Children ages 5-13 were invited to create artwork illustrating key farm safety practices, accompanied by a safety message or slogan. The contest continues to inspire learning and engagement around safe practices on the farm.



DRAWING CATEGORIES:

ATV SAFETY

Always ride an age and size appropriate ATV, wear proper safety gear, and attend an ATV safety training program.



PTO/MACHINERY SAFETY

PTOs can be extremely dangerous - they spin fast, and you can become entangled.



SUN SAFETY

Remember the 5 S's of sun safety: slip, slop, slap, slide and shade.



ANIMAL SAFETY

Baby animals are cute, but their mothers are very protective. Always have an adult with you when you go into an animal's pen.





40 CHILDREN

from across Saskatchewan submitted drawings for the Farm Safety Drawing Contest

We extend our gratitude to all the children for their creative representations of farm safety and for enthusiastically sharing their art. We also appreciate the parents and teachers for fostering discussions about farm safety themes in preparation for the drawings and their submissions. Additionally, a big thank you goes to our member RMs for displaying and promoting the contest poster in their offices and schools.

FARM SAFETY DRAWING CONTEST
2025 WINNERS

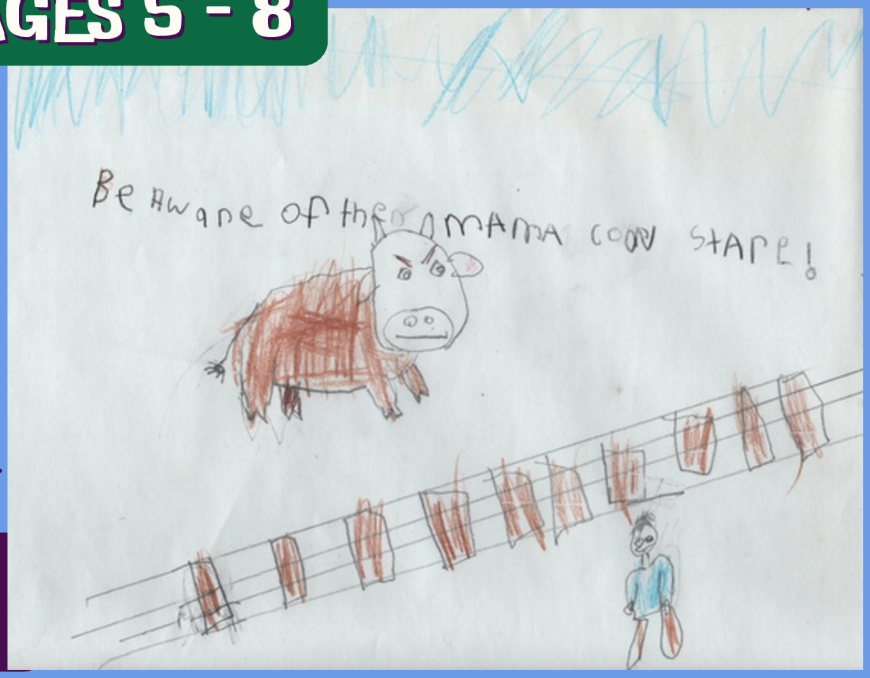
AGES 5 - 8



WESTON ARNAL

Age 6 | Eastend, SK

Be Aware of the Mama Cow Stare!



AGES 9 - 13



RYLEE LECLARE

Age 12 | Edam, SK

It's Better to be Safe than Sorry





CCRAH OUTREACH ACTIVITIES

CONFERENCES, MEETINGS, AND EVENTS

We are dedicated to connecting with agricultural health and safety professionals, producers, community leaders, and researchers to share knowledge, exchange best practices, and build meaningful, lasting relationships. Through active collaboration and engagement, we strive not only to strengthen professional networks, but also to create opportunities to learn from diverse perspectives and lived experiences across rural and agricultural communities. By sharing research findings at regional, national, and international scientific conferences, we contribute to the broader evidence base and ensure that new knowledge reaches those who can use it to make a tangible difference. At the same time, we seek to connect with international researchers and partners, fostering cross-border collaboration that accelerates innovation and the adoption of effective solutions.

By nurturing these connections locally and globally, we aim to enhance the health, safety, and overall well-being of rural people in Saskatchewan and across Canada. Our commitment extends to creating a supportive and inclusive environment that promotes safety, innovation, resilience, and sustainability within the agricultural sector and other rural spaces. Through ongoing knowledge exchange, collaborative research, and shared leadership, we work toward advancing practical, evidence-informed approaches that empower rural and agricultural communities to thrive now and into the future.

- **Advancing Women in Agriculture and Food** - Calgary, AB
- **AISES in Canada National Gathering** - Toronto, ON
- **Alberta Biomedical Engineering Conference** - Banff, AB
- **Alzheimer Association International Conference** - Toronto, ON
- **Alzheimer Society of Saskatchewan Head's Up for Healthy Brains** - Virtual
- **ASABE Annual International Meeting 2025** - Toronto, ON
- **Big Ideas About Health Data Speaker Series: Health Data Research Network Canada** - Virtual
- **Brazilian and International Congress of ABRAFITO** - Florianopolis, Brazil
- **Canadian Conference on Dementia** - Calgary, AB
- **Canadian Gerontological Nursing Association: 23rd Biennial CGNA Conference** - Winnipeg, MB
- **Canadian Neurological Sciences Federation 2025 Congress** - Toronto, ON
- **Canadian Nursing Students Association** - Saskatoon, SK
- **Canadian Public Health Association Annual Meeting** - Montreal, QC
- **College of Medicine Undergraduate Research Symposium**, University of Saskatchewan - Saskatoon, SK
- **Department of Medicine Research Day**, University of Saskatchewan - Saskatoon, SK
- **Digital Health Canada Keynote Address** - Regina, SK
- **European Respiratory Society International Congress 2025** - Amsterdam, Netherlands

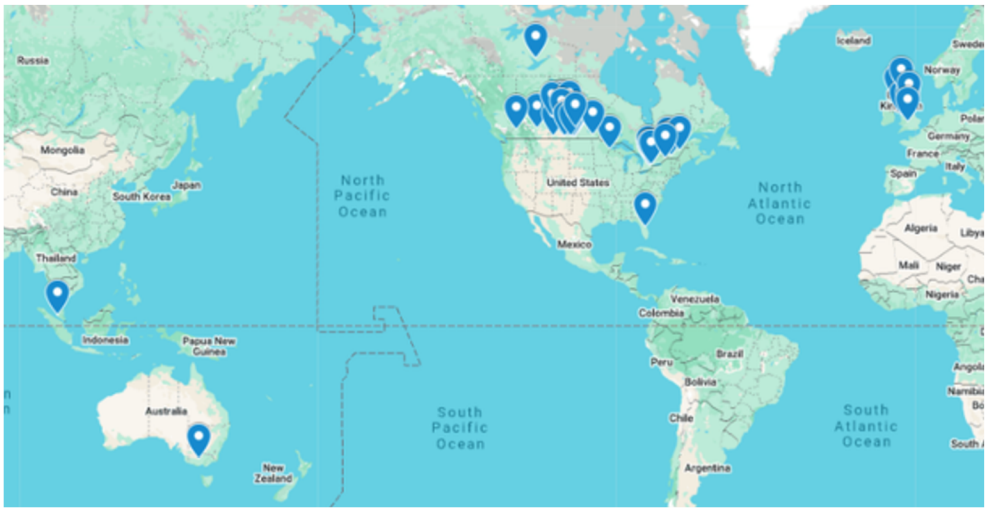
- **Farm and Food Care CelebrateAg Luncheon** - Saskatoon, SK
- **Farm Health and Safety Council Meeting** - Saskatoon, SK
- **Future of Food** - Ottawa, ON
- **Geriatric Evaluation and Management Program Education Day** - Saskatoon, SK
- **Gerontological Society of America Conference** - Boston, MA, United States
- **HUPO Conference 2025** - Toronto, ON
- **International Society for Agricultural Safety and Health (ISASH) 2025 Annual Conference** - Portland, Maine, USA
- **International Society of Biomechanics Conference** - Stockholm, Sweden
- **International Society for Scholarship of Teaching and Learning conference** - Otautahi Christchurch, New Zealand
- **Life and Health Sciences Research Expo**, College of Medicine, University of Saskatchewan - Saskatoon, SK
- **Mechanical Engineering Industry day** - USask Engineering Library - Saskatoon, SK
- **Ministry of Agriculture Program Specialists Spring Planning Session** - Regina, SK
- **Mount Royal University Symposium on Scholarship of Teaching and Learning** - Calgary, AB
- **MS Beyond Diagnosis – Building Bridges to Wellness Forum** - Regina SK
- **National Indigenous Diabetes Association Conference** - Winnipeg, MB
- **NeuroSask,** online learning forum
- **North American Indigenous Students Association 2025** - Oklahoma City, OK, United States
- **Northeast AgUpdate Conference** - Melfort, SK
- **Northern Research Workshop**, University of Saskatchewan - Saskatoon, SK
- **Nutrition 537 Research Day**, University of Saskatchewan - Saskatoon, SK
- **People Around the World (PAW) International Congress** - Saskatoon, SK
- **RM Recruitment Meeting** - Simpson, SK
- **RM Recruitment Meeting** - Mayfair, SK
- **Saskatchewan Epidemiology Association Annual Symposium** - Saskatoon, SK
- **Saskatchewan Safety Council Safety Seminar** - Saskatoon, SK
- **Saskatchewan Pork Symposium 2025** - Saskatoon, SK
- **Saskatoon Council on Aging** - Saskatoon, SK
- **School of Rehabilitation Science Research Knowledge and Sharing Day** - Saskatoon, SK
- **SCOA Caregiver's Conference** - Saskatoon, SK
- **Sk-NEIHR Research Event** - Saskatoon, SK
- **Society for Teaching and Learning in Higher Education Conference** - Saskatoon SK
- **SoTL Shines Summit** - Saskatoon, SK
- **Symposium for Scholarship of Teaching and Learning** - Banff, AB
- **University of Saskatchewan Inter-Professional Annual Students' Symposium (I-PASS)** - Virtual
- **USask Senior Leadership Forum** - Saskatoon, SK
- **WCB Compensation Institute Conference** - Saskatoon, SK
- **World Physiotherapy Congress** - Tokyo, Japan

RaDAR 18th Annual Summit

Over 130 participants logged into the one-day online event, which included a poster session and both live and pre-recorded presentations on a variety of topics and a diverse group of presenters. Attendees joined from across Canada and internationally from Australia, Malaysia, Scotland, the United Kingdom, and the United States.



2025 Summit Keynote Presenter Dr. Kristen Jacklin



Summit 2025 Attendees joined from around the world

More information about the Summit, including archived full presentations from many of the sessions, can be found under the Previous Summits tab on the RaDAR team's website ruraldementiacare.usask.ca
Refer to the Summit 2025 final report booklet and archive of activities from Summit 2025.

Bilokreli Family Trust Fund

The RaDAR team is the recipient of funding to support the Summit and the team's activities, generously provided by the Bilokreli family. The family has an interest in supporting rural dementia research in the province, and we are pleased to offer student poster prizes in their name to student trainees working in the field. An additional People's Choice Poster Prize has been introduced, based on votes cast by attendees during the Summit. The Bilokreli Student poster prizes at the 18th Annual Summit were awarded to:

2nd Place
Kelsey Haczkewicz

1st Place
Andrea Johnson

3rd Place
Haotong (Sophia) Wang

People's Choice Award
Kristen Belza

TRADE SHOWS



Karen Marcinkiw at the CCRAH Booth at the Stock Growers Association AGM and Trade Show in June 2025

CCRAH is dedicated to returning research and resources to the communities we serve. Every year, we participate in numerous agricultural trade shows and events across Saskatchewan, creating opportunities to share current, relevant health and safety information tailored to agricultural producers and rural people. These events also allow us to engage directly with farmers, ranchers, and rural people—listening to their concerns, learning from their experiences, and better understanding their needs. In addition, they enable us to connect with other industry professionals, opening the door to meaningful collaboration and partnerships focused on improving the health and safety of rural and agricultural populations.

By maintaining a visible and active presence at these events, we ensure our work stays relevant, responsive, and grounded in community realities. This ongoing connection strengthens our ability to support safer, healthier agricultural and rural communities across the province.

List of Trade Shows

- **Ag in Motion** - Langham, SK
- **Canada's Farm Show** - Regina, SK
- **Celebrating Rural Ranching Women** - Maple Creek, SK
- **SARM Annual Convention and Trade Show** - Regina, SK
- **Saskatchewan Hutterian Educators Association Conference** - Saskatoon, SK
- **Saskatchewan Stock Growers Association AGM and Convention** - Moose Jaw, SK
- **Saskatchewan Workers' Compensation Board Compensation Institute** - Saskatoon, SK
- **SK Women in Ag: Connect - The Heart of the Farm Conference** - Saskatoon, SK
- **Western Canadian Crop Production Show** - Saskatoon, SK











CCRAH INFRASTRUCTURE AND RESEARCH

RESEARCH TO ACTION



The Canadian Centre for Rural and Agricultural Health embeds rural people (e.g. farmers, ranchers, communities, Indigenous communities, industries, and municipalities) in a research to action cycle. Community members are involved in the entire process, from the development of research questions, actions, and movement of evidence into resources, programs, and services. Our partnerships with communities, academics and industry help us drive innovation to address health challenges for rural and agricultural people in Saskatchewan.

Our research examines the links between rural and agricultural environments and health and safety outcomes. Where people live, matters. World-class investigators are at the forefront of discovery in rural and agricultural health and safety. CCRAH has the infrastructural capacity to support and undertake rural health and safety research through specialized meeting and office spaces, and research laboratories. The infrastructure includes:

- **Rural Health and Agricultural Injury Control Laboratory**
  - Leads: Dr. Shelley Kirychuk, Dr. James Dosman, Dr. Punam Pahwa, Dr. Joshua Lawson
- **Omics Laboratory**
  - Leads: Dr. George Katselis, Dr. Shelley Kirychuk
- **Occupational Hygiene and Environmental Exposures Laboratory**
  - Leads: Dr. Shelley Kirychuk, Dr. Niels Koehncke
- **Biomechanics and Ergonomics Laboratory**
  - Leads: Dr. Angelica Lang
- **Rural Dementia Laboratory**
  - Leads: Dr. Julie Kosteniuk, Dr. Debra Morgan, Dr. Allison Cammer, Dr. Megan O'Connell
- **Rural and Remote Access to Care Laboratory**
  - Leads: Dr. Shelley Kirychuk
- **Health and Safety Outreach Laboratory**
  - Dr. Shelley Kirychuk, Kendra Ulmer
- **Commercialization and Innovation Laboratory**
  - Leads: Dr. Niels Koehncke, Dr. Shelley Kirychuk
- **Rural Wellness Communications Laboratory**
  - Leads: Dr. Shelley Kirychuk

These nine laboratories support the following research programs and research projects.

RURAL HEALTH AND AGRICULTURAL INJURY CONTROL LABORATORY



The Rural Health and Agricultural Injury Control Laboratory explores determinants of health (e.g. respiratory health, sleep health, mental health) and injury prevention. Those living in rural areas face health inequities and health access issues that differ from urban settings. Injuries in agricultural settings occur at a higher rate than that seen in most other occupations.

We have conducted large population-based studies among people living in rural and remote areas, farmers, non-farmers, and Indigenous peoples. Respiratory, sleep health, and injury research have been focal points, including rural occupational lung health studies (grain workers and farmers); longitudinal studies of rural people's health; and longitudinal rural injury studies of farmers. The work has involved numerous partnerships, including a longstanding international collaboration with colleagues in Europe. Epidemiologic and biostatistical programmes, equipment, and technicians support the research.

Our respiratory lab allows for in-person and field testing of lung function, skin-prick testing, spirometers and home sleep testing devices. Projects include provincial rural health studies, First Nations health studies, and respiratory health studies.



Our epidemiology lab includes workstations to conduct remote data collection, store and manage data, and conduct analyses. Data sources include primary data collection and large administrative databases, clinical to population-based data as well as cross-sectional and longitudinal data. While much of our research within the epidemiology lab is based on investigations of respiratory health, we also have work focused on diabetes, cancer, mental health, and other conditions.



Research Programs/Projects

Pregnancy and Asthma



We recently (co-PIs Philipenko and Lawson) began a study as part of an international collaboration looking at the asthma during pregnancy. This includes investigating the knowledge around the issue and the behaviours and management of asthma during pregnancy. We will do this in two cohorts. The first includes any women and gender-diverse individuals who are capable of pregnancy and the second includes physicians who may treat women and gender-diverse individuals who are capable of pregnancy.

Asthma and neurodevelopmental and mental disorder (NMD) multimorbidity

We have had a great deal of activity in our program looking at asthma-NMD multimorbidity where we have wrapped up some phases of the project but started new phases. We completed our review of the literature looking at asthma-NMD multimorbidity in rural children. Despite a great deal of heterogeneity, we found differences in the frequency of this multimorbidity as well as some indication that specific interventions could improve health outcomes. However, there are many gaps still to be addressed.

In addition to this, we also finished our initial work looking at the cross-sectional portion of analyses looking at this multimorbidity in a national sample of Canadian children. This included looking at the risk and protective factors of this multimorbidity as well as the potential impact on health outcomes. We are now in the process of looking at the longitudinal data.



Farm Injury

Through a collaboration with Brock University (PI: Pickett with local leads of Cammer, Dosman, Lawson), we have started a project looking at exposures and risk management practices in farms. This is a qualitative study where we work with young people and ask about their experiences growing up on a farm. We will use this information to inform data collection from secondary data sources to look at the issue quantitatively.

First Nations Housing Hub for Saskatchewan First Nation Communities

The First Nations & Métis Built Environment Group is currently developing an online First Nations Housing Hub in collaboration with red Circle Planning Group. The hub will serve as a comprehensive resource centre covering various topics including housing maintenance, policy and governance, infrastructure and more. The hub is currently in the late stages of development and should be operational in Summer of 2026.



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First Nations Built Environment Climate Action

Community interviews have been conducted in different First Nations and Métis communities. These interviews have resulted in community-based videos that will identify successes and barriers to implement energy efficient housing in communities and will inform interventions on energy efficient housing that can reduce impacts of climate change and contribute to Indigenous livelihoods.

Improving Indoor air quality in Canadian Residences

This project evaluates the effects of smoke-mold interactions on air composition and determine whether exposure risk can be predicted by the separate effects of smoke and mold, and whether chemical interactions must be considered. Improving IAQ can greatly improve respiratory and cardiovascular health. Cigarette smoke and mold contamination negatively impact IAQ in many Indigenous communities. This trans-disciplinary, community engaged project combines chemical measurements, risk assessment, and science and policy communication with a goal of creating resources and tools to address IAQ challenges in Indigenous communities.

New Frontiers in Research Fund
Fonds Nouvelles frontières en recherche

Digital Innovation Teaching and Creativity Hub (DITCH)

A transdisciplinary innovation hub, housed in CCRAH, uses digital innovation (virtual reality, 360oC technology, community digital kits etc.) to empower, showcase, and enrich communities. It allows users to safely explore and train in 'real-world' spaces, creating real-world environments digitally, and with visual aids (e.g. VR goggles). The possibilities are endless and we are excited to explore the potential of this new technology alongside partners.

Water, Environment and Oral Health

Oral health and overall wellbeing are shaped not only by individual behaviors and access to care, but also by environmental conditions and the social and historical factors that influence health equity. In many Saskatchewan First Nation communities, water insecurity, environmental change, and limited access to safe drinking water affect daily hygiene practices, nutrition, trust in water sources, and risk of oral disease. This project addresses the interconnected challenges by combining environmental exposure assessment, saliva-based biomonitoring, oral health examinations, and Indigenous-defined concepts of wellbeing.



UNIVERSITY OF SASKATCHEWAN

Living Skies Program

Services

Sleep Medicine Clinic

Faculty Lead: Dr. James Dosman
Offered through the Saskatchewan Health Authority and Department of Medicine by referral via health care provider.

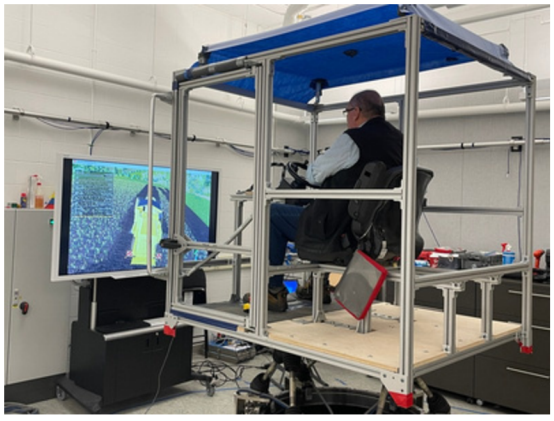


OMICS LABORATORY

The Omics Laboratory uses state-of-the-art mass spectrometry analytical instrumentation and molecular laboratory techniques for innovative research in proteomics, genomics, metabolomics, and lipidomics. This research applies to clinical, environmental, agricultural, rural and occupational health. The laboratory has the capacity for high-quality mass-spectrometry and PCR-based analyses. Equipment includes ddPCR, qPCR, and high-resolution mass spectrometers. We carry out analyses for sequencing, identification, and quantification of peptides, proteins, and antibodies, targeted and untargeted proteomics, metabolomics, lipidomics, and bioinformatics analyses. The laboratory has a strong focus in the following research areas: identifying and validating biomarkers for diseases; elucidating the molecular pathways in disease pathogenesis; identifying novel drug targets, therapeutic agents, and diagnostic tests; environmental and agricultural analysis (e.g. pesticides); impact of occupational whole-body vibration on cognitive impairment; and bioinformatics tools to analyse and annotate the proteome, metabolome, and lipidome.

Research Programs/Projects

Occupational Whole-Body Vibration: The Impact on Cognitive Function and Neural Biomarkers



Occupational whole-body vibration (WBV) from machinery can exceed ISO safety limits and lead to adverse health effects, including cognitive impairment, delayed reaction time, and musculoskeletal disorders. Farm workers in Canada are frequently exposed to high WBV levels, increasing risks of balance issues, sensory disturbances, and equipment-related injuries such as collisions and falls. Because over 90% of such accidents are linked

to human performance, this project examines how WBV-related cognitive changes may contribute to these risks. It combines ergonomics and proteomics to measure cognitive decline and identify neural protein biomarkers in blood and urine associated with WBV exposure.

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Characterization of Protein-Protein Interactions Between Platelet and Complement System Proteins



Platelets and the complement system are key components of innate immunity that interact bidirectionally through receptor signaling and protein release. While platelets can activate complement pathways, the complement system also enhances platelet-driven inflammation and immune cell recruitment, though the mechanisms remain unclear. Traditional methods struggle to capture these complex protein–protein interactions due to scale and sensitivity limitations. This project uses mass spectrometry-based proteomics and bioinformatics to map these interactions and clarify platelet–complement crosstalk, improving understanding of immune-related diseases.

Investigating the Role of Diabetic Pregnancies in Kidney Disease Among Type 2 Diabetes Mellitus Adolescents Using Urine Proteomics



UNIVERSITY OF SASKATCHEWAN
College of Medicine
MEDICINE.USASK.CA

Type 2 diabetes (T2D) in children is increasing in Canada, especially in Saskatchewan, and is associated with an elevated risk of early and progressive kidney disease compared to adults. Exposure to diabetes during pregnancy may further increase the risk of kidney complications in affected youth. This project investigates whether maternal diabetes exposure influences kidney disease risk in adolescents with T2D by analyzing urine protein markers. Using mass spectrometry-based proteomics, it aims to identify biomarkers linked to kidney disease and improve understanding of its underlying mechanisms.

OCCUPATIONAL HYGIENE AND ENVIRONMENTAL EXPOSURES LABORATORY



The Occupational Hygiene and Environmental Exposure Laboratory is dedicated to advancing worker health and wellness through the anticipation, recognition, evaluation, and control of workplace and environmental hazards. The lab has the capacity to measure and evaluate exposure to a wide range of hazards, including chemical, physical (heat, noise, vibration, and radiation), biologic, and ergonomic hazards. The lab has direct reading instrumentation and indirect measurement capacities for all types of hazards. The facility also has both a human exposure laboratory and an animal exposure laboratory. Longstanding research has focused on assessment and control of agricultural worker respiratory exposures including dusts, endotoxin, bioaerosols, and antimicrobial-resistant genes. Recent work has focused on ventilation and health, including viruses and the role of ventilation and carbon dioxide in health outcomes.

Research Programs/Projects

Transfer and Recovery of Pathogens

The projects examine how ventilation systems and surface disinfection methods affect the transfer and recovery of pathogens in the environment. One project evaluates how membrane energy exchangers can transfer heat and moisture but may also allow infectious aerosols to pass from exhaust air to incoming fresh air, informing designs that minimize pathogen transfer. The second project evaluates hydroxylation as a surface disinfection strategy, using various environmental conditions and different materials to support non-pharmaceutical infection control. Together, these studies aim to provide practical, evidence-based solutions to reduce the spread of highly pathogenic viruses and strengthen public health responses.

NSERC CRSNG

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Reduction of bioaerosol emissions in livestock operations using environmentally friendly technologies

This research focuses on improving air quality and disease control in swine and poultry operations by using cold-plasma and electro-nanospray technologies. One project assesses the use of cold plasma to reduce odour and bioaerosol emissions in swine barns under both laboratory and real-world conditions, helping to lessen environmental impacts and protect nearby communities. A complementary project tests ionization-based air inlet protection systems, including electrostatic precipitators and electro-nanosprays, to prevent pathogens from entering and spreading between poultry barn facilities. Together, these approaches aim to reduce animal mortality, improve productivity, protect workers and consumers, and enhance the sustainability of livestock production.

Canadian Poultry Research Council
Conseil de recherches avicoles du Canada
SINCE/DEPUIS 2001

Government of Saskatchewan

Services

Occupational Medicine Clinic

Faculty Lead: Dr. Niels Koehncke
Offered through the Saskatchewan Health Authority and Department of Medicine via referral by health care provider.



BIOMECHANICS AND ERGONOMICS LABORATORY

The Biomechanics and Ergonomics Laboratory enables groundbreaking research into musculoskeletal health, ergonomics, and human movement. The lab is equipped with optical motion capture, inertial measurement units, electromyography, force plate and force cubes, in-field ergonomic tools, and an innovative rotopod for simulation of vibration exposures in-lab. The mission of the Biomechanics and Ergonomics Laboratory is to improve musculoskeletal health and quality of life of rural people around the world, but with a focus on Saskatchewan. Our goal is to understand how movement and biomechanics are related to injury, musculoskeletal health, and work. The overall intended contribution of the lab is to improve health through enhanced understanding of biomechanical exposures and application of ergonomic, return-to-work, and rehabilitation interventions.

Research Programs/Projects

Shoulder dysfunction and breast cancer treatment: biomechanical analysis of the impact of reconstruction and mastectomy

The primary aim of this project is to define upper limb kinematics in breast cancer survivors after breast reconstruction. To date, we have completed 90 data collections. We anticipate that there will be differences in kinematics between the surgery groups that will help us to understand why functional abilities are reduced after breast reconstruction and why survivors are more likely to experience secondary musculoskeletal disorders.



CIHR IRSC Canadian Institutes of Health Research / Instituts de recherche en santé du Canada

Canadian Cancer Society

Biomechanical risk factors for rotator cuff syndrome in high-risk occupations



Rotator cuff syndrome (RCS) is the most common upper limb musculoskeletal disorder worldwide. There is a need to identify modifiable risk factors for this injury. The overarching goal of this research is to explore the connection between shoulder kinematics and RCS in high-risk occupations and determine if pre-injury shoulder kinematics during a standardized functional movements are a risk factor for RCS. Enrollment is ongoing, with 45 people in high demand occupations completing their baseline sessions.

The Effects of Driving and Whole-Body Vibration on Upper Limb Posture and Discomfort

Operating large equipment on farms is associated with musculoskeletal disorders. The goal of this studyis to explore how driving, arm posture, and whole body vibration affect shoulder pain and discomfort during simulated vehicle operations. Preliminary findings indicate that whole body vibration elicits shoulder posture differences early in the exposure that may contribute to discomfort.



Factors Contributing to Distal Biceps Tearing in the Supinated Arm of Deadlifters: A Biomechanical Study

This collaborative study with clinician-researchers in orthopedic surgery is exploring the mechanisms of distal biceps tears in deadlifting. The objective of this study was to determine if deadlifting grip affected biceps brachii activation. Preliminary findings indicated that the mixed group increased activation in both arms, indicating the mixed grip increases the demand on the biceps muscles.

Ergonomic evaluation of robotic telesonography

Ultrasound sonographers have high levels of upper limb musculoskeletal disorders, but the ergonomic exposures during novel robotic telesonography have yet to be examined. Our findings indicate that postural exposures, repetition, and force demands are significantly lower during telesonography, indicating this is promising avenue for healthcare delivery. This project was completed in partnership with the Virtual Health Hub.

Effects of wrist fusion on shoulder kinematics during functional tasks



Wrist fusions procedures are a common treatment option for arthritis and trauma. These procedures result in no or partial range of motion, which can be functionally limiting for patients. This project seeks to understand how wrist fusion procedures affect movement up the arm and subsequent shoulder injury risk. The first phase of the project demonstrated that people with total wrist fusions alter their shoulder blade motion during functional tasks in a manner that is connected to shoulder overuse injuries. Data collection is underway to examine partial wrist fusion procedures. This project is being completed with Dr. Laura Sims and the Prairie Upper Limb Specialists.

Scapular kinematics and functional movement: exploring best practice methods from calibration to application



NSERC CRSNG

Ongoing research in the SHER Lab, funded by a Discovery Grant from the Natural Sciences and Engineering Research Council of Canada (NSERC) is exploring the best practice methods for measuring and calculating the motion of scapula, commonly known as the shoulder blade, to eventually improve the understanding of what causes shoulder injuries and how to remedy them. Recent work confirmed that measurement methods are reliable in people with different body compositions affect common measurement and ongoing work is exploring novel measurement and calculation procedures.

Exploring the musculoskeletal health needs after gender affirming top surgery

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The purpose of this study was to define the scope and scale of potential postsurgical upper limb musculoskeletal symptoms in TGD individuals in Canada. Findings indicate that the majority of people receiving gender affirming top surgery experience upper limb musculoskeletal symptoms after surgery, but information and accessible treatment are lacking.

Defining Farmer Upper Limb postural Exposures during high-risk work tasks

The goal of recently published research was to define typical postures and kinematics for producers with and without shoulder or neck pain during high-risk farm work tasks.Findings indicate that movement compensations were present in farmers with shoulder pain, but the type of alteration depended on the task performed. Additionally, novel definition of arm rotation required during these tasks was presented, providing new information about work-related postural demands. Kinematics may contribute to shoulder injury risk factors in many aspects of farm work.



Do time and rural residence affect upper limb biomechanical alterations in rotator cuff disease?



The goal of this research was to explore the relationship between injury duration and shoulder kinematics in people with rotator cuff disorders, in people living in rural and urban Saskatchewan. Recently published work showed that, in a cross-sectional sample, as time since injury increases, the more harmful movement becomes, suggesting that negative compensations are occurring over time that are preventing full recovery from rotator cuff disorders. This relationship is more pronounced in rural individuals.

RURAL DEMENTIA LABORATORY

The goal of the Rural Dementia Laboratory and the Rural Dementia Action Research (RaDAR) team is to improve health care delivery for persons living with dementia in rural/remote settings. The RaDAR team is an interdisciplinary group of knowledge users and researchers. We see a pressing need for improved healthcare delivery to rural populations, which have a higher proportion of older adults than cities, but fewer primary health care, specialist, and support services available locally. Two streams to the RaDAR program are the specialist Rural and Remote Memory Clinic on USask campus, and Rural Primary Health Care Memory Clinics located in several communities.

RaDAR investigators share a team research approach that involves affiliated studies focusing on the diagnosis, management, and care of individuals with dementia and their caregivers.

At CCRAH the specialist Rural and Remote Memory Clinic is anchored in the Rural Dementia Laboratory, which was custom designed to support families and patients, as well as clinical team members, during the day-long team assessment appointment. CCRAH offers use of this clinical space – for an infrastructure charge – to our collaborators, such as the Chronic Pain Clinic and a Huntington's Disease Clinic.

Research Programs/Projects

Canadian Dementia Health System Performance Team

The objective is to create a national dementia health services research data platform, describe the current quality of dementia care in Canada, and understand contributors to health system performance gaps in dementia care across provinces.

Adapting and Evaluating a Rural Home-Based Virtual Primary Care Memory Clinic Model



Objective: To increase access to dementia diagnosis and post-diagnostic support for rural persons through adaptation and evaluation of an acceptable and effective home-based virtual primary care memory clinic model.

CIHR IRSC Canadian Institutes of Health Research / Instituts de recherche en santé du Canada

Alzheimer Society CANADA

Examination of the association between rurality and dementia detection in community-dwelling and long-term populations in Saskatchewan

Objectives: To examine rural-urban and intra-rural variations in prevalence and incidence of identified dementia by sex, age, and geographic area.

SHRF SASKATCHEWAN HEALTH RESEARCH FOUNDATION



Collaborations and Resources for Dementia Care in Saskatchewan Primary Care

Objectives: To examine rural-urban and intra-rural variations in prevalence and incidence of identified dementia by sex, age, and geographic area.

SHRF SASKATCHEWAN HEALTH RESEARCH FOUNDATION

Evaluation of the Feasibility, Acceptability, and Sustainability of an Adapted Hybrid Rural Primary Care Memory Clinic Model

SHRF SASKATCHEWAN HEALTH RESEARCH FOUNDATION

Objective: To identify the components and processes of a Saskatchewan-based rural primary care memory clinic model adapted into hybrid format with virtual occupational therapist participation.

From Diagnosis to Direction: Navigating Rural Primary Care Memory Clinics

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Objective: To explore how patients and their care partners navigate the process of receiving a dementia diagnosis, recommendations, and follow-up care in rural primary care memory clinics.



Evaluating the Development and Implementation of a Dietitian Role on Rural Primary Care Memory Clinic Teams

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College of Medicine
MEDICINE.USASK.CA

Objective: To explore the registered dietitian role in primary care memory clinics serving persons living in rural Saskatchewan, with a focus on the development and implementation of the role.

Perspectives of Patients and Care Partners Receiving Nutrition Care in a Rural Primary Care Memory Clinic

Objective: To explore the experiences of patients and care partners who received nutrition care from a registered dietitian in one rural primary care memory clinic.

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MEDICINE.USASK.CA

UNIVERSITY OF SASKATCHEWAN
College of Pharmacy and Nutrition
PHARMACY-NUTRITION.USASK.CA

Social Support for Caregivers of Persons Diagnosed with Dementia

Objective: To create an evidence-based social support intervention for caregivers of persons living with dementia for delivery by the Alzheimer Society of Saskatchewan.



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SASKATCHEWAN HEALTH RESEARCH FOUNDATION

Alzheimer Society
CANADA

Services

Rural Primary Health Care Memory Clinics

The RaDAR Team has collaborated with primary health care teams to implement rural primary health care (PHC) memory clinics in 10 communities. Aiming to reduce travel and wait times for specialist appointments, the memory clinics provide coordinated care and support for patients and families in their home communities. Memory clinics are offered by primary health care teams within the Saskatchewan Health Authority, with team members including physicians, nurse practitioners, home care nurses/assessors, social workers, occupational therapists, physical therapists, dietitians, pharmacists, and Alzheimer Society First Link Coordinators. In the past year, the Assiniboia, Fillmore Hybrid, and Moose Jaw memory clinic teams held their first memory clinics.



RaDAR Memory Clinics Teams



Assiniboia Team



Fillmore Hybrid Team

10 communities
joined to date

167 clinics
held to date

43 clinics
held in 2025

262 patients
seen to date

73 patients
seen in 2025

Travel by the RaDAR Team
for memory clinic development

- **22,645 KM** from 2013-2019

Travel by Chelsie C.
for data collection and clinic support

- **25,867 KM** from 2019-2026
- **11,260 KM** in 2026

Learn more about the clinics under the Rural PHC Memory Clinics tab on our team website www.ruraldementiacare.usask.ca and view a short video of the Esterhazy memory clinic.

Rural and Remote Memory Clinic



Pictured from left to right are team members Dr. A. Kirk, Dr. M. O'Connell, D. Minish, Dr. D. Morgan, J. Fairbairn, D. Walz (not pictured: S. Biller & A. Kortzman)

The RaDAR team implemented the specialist Rural and Remote Memory Clinic (RRMC) at the University of Saskatchewan in 2004, to provide diagnosis and management of atypical and complex cases of suspected dementia. The one-stop interdisciplinary clinic streamlines the assessment process by coordinating a complete team assessment on one day and uses Telehealth videoconferencing for follow-up appointments. The specialist RRMC was started as a research project and was subsequently funded by the Saskatchewan Ministry of Health to provide clinical services to Saskatchewan residents. Since 2004 over 987 patients have been seen in the clinic, along with their families and caregivers.

Several team members support the RRMC including Dr. Megan O'Connell (Neuropsychologist and Clinical Director), Dr. Andrew Kirk (Neurologist), August Kortzman (PhD student and Psychology staff), Darla Walz and Whitney Harder (Clinic Nurse), Duane Minish (Psychometrist), Jennifer Fairbairn (Physical Therapist), and Shelley Biller (Clerical Support).

RURAL AND REMOTE ACCESS TO CARE LABORATORY



Diverse populations experience health challenges and access to care differently for a variety of reasons, such as culture, location, and other social and economic factors. Research is focused on understanding root causes, barriers, and challenges of health conditions in rural and remote communities and finding unique and innovative solutions to improve access to healthcare services. Remote presence health provision research and training is rapidly expanding as an important resource to support people. A new mobile unit expands our mobile health screening services for rural Saskatchewan. One area of focus is musculoskeletal health and access to non-pharmacological management and services. Musculoskeletal conditions, including chronic back pain, impair quality of life, and place economic burden on individuals, communities, and the healthcare system. Virtual care services and programming help provide virtual physiotherapy and rehabilitation to Indigenous communities, connecting patients and families hundreds of kilometres away from health providers with care. The Musculoskeletal Health and Access to Care (MHAC) lab encompasses diverse projects with multidisciplinary researchers that focus on addressing population health burdens of musculoskeletal disorders and understanding population needs to improve access to care.

Research Programs/Projects

Musculoskeletal Health and Access to Care (MHAC)

1. **Expanding Interprofessional Pediatric Rehabilitation in Northern First Nation Communities with a Community-Directed, Team and Technology Approach**
2. **Bridging Healthcare Gaps: Implementing Wearable Virtual Care for Wound Management in Remote Northern Saskatchewan**
3. **Co-creating a VINE: Virtual Reality for Indigenous Youth and the Next Generation of Emerging Health Professionals**
4. **A First Nation and Métis Community-Directed Approach to Culturally Responsive Virtual Rehabilitation for Hip and Knee Total Joint Replacements**



The Expanding Interprofessional Pediatric Rehabilitation Northern FIrst Nation Communities Project Team Members



A First Nation and Métis Community-Directed Approach to Culturally Responsive Virtual Rehabilitation for Hip and Knee Total Joint Replacement Project Team Members

Bridges Research Collective

Bridging Back to Community: Métis-driven Arts-based Knowledge Mobilization

This project will take research findings from two previous projects conducted with the community of Île-à-la-Crosse, SK. and transform them into culturally grounded knowledge mobilization outputs, such as fiddle music, dance, visual arts. We will hold community gatherings to share what we have learned about aging well in place.

SHRF SASKATCHEWAN HEALTH RESEARCH FOUNDATION



The Bridges Research Collective Team.

kehokatowin: Métis Healthy Aging in Place

We want to capture the experiences of Métis people who live and move between locations for work, school, health needs and family. We want to understand the supports Métis people need to be well and connected no matter where they are. The project focuses on strengthening connections between youth, adults, Elders, and the land.

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CIHR IRSC Canadian Institutes of Health Research / Instituts de recherche en santé du Canada

Health and Optimism in T2D Prevention & Education (HOPE) Project with with the Community of Île-à-la-Crosse, SK

Health is shaped by culture, community, and sharing traditional ways of being well, with or without diabetes. The HOPE Project focuses on community solutions for preventing Type 2 diabetes and supporting youth health and wellbeing. This project brings the knowledge shared by youth, adults and Elders to develop Type 2 Diabetes resources and strategies specific to Île-à-la-Crosse, SK. It also supports a way of working that is grounded in relationships, trust, and ongoing collaborations. Over the course of the project, we spent time talking with youth, adults, and Elders, learning from local knowledge, and bringing what we heard back to the community to make sure we got it right.

Addressing Dementia in the community of Île-à-la-Crosse

The Sakitawak Elders Group has ideas and plans for community-centric dementia care to support those with dementia in Île-à-la-Crosse, SK. Recent work included a community-driven intervention project with the goals of reducing stigma, creating activities and events for people with dementia, and developing a sustainability plan for community based dementia supports. Bridges Research Collective is supporting the SEG and IleX community members to build on this successful project and explore next steps for dementia care in IleX, including the potential development of a 'Village Within a Village" so people living with dementia can stay within the community.

Bridging the Generations: Métis & Cree Grandmothers' Health

To gather, document and share stories of grandmother and mother cultural mentorship programs promoting holistic mental, physical, emotional and spiritual wellbeing among ageing Métis and Cree women.

Strong Bodies, Minds, Spirits & Voices

CIHR IRSC Canadian Institutes of Health Research Instituts de recherche en santé du Canada

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connect with Elders, Knowledge Keepers, youth and families in Indigenous communities to co-create and implement an Indigenous-driven health promotion intervention toolkit that is grounded in an Indigenous worldview, informing culturally appropriate, community-led prevention and treatment initiatives for communities seeking solutions for Type 2 Diabetes among youth.

Evaluating a Process of Ungrading in Professional Practice

Ungrading approaches are gaining attention in higher education as strategies that support more inclusive, reflective, and equitable learning environments. However, its application in professional health care programs remains underexplored. This project evaluates the use of ungrading, an anti-oppressive, student-centered teaching and learning approach, among first year Master of Physical Therapy (MPT) students. We aim to explore MPT student perspectives on how ungrading impacts their ability to critically self-reflect, as an early step towards building future cultural humility and health justice skills. The broader goal is to identify anti-oppressive teaching approaches that contribute to supporting learners to develop reflective practice and critical self-awareness.

nātawihowin and *mamawiikikayaahk*
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Saskatchewan NEIHR skneihr.ca

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School of Rehabilitation Science
COLLEGE OF MEDICINE
REHABSCIENCE.USASK.CA

Building a Pathway to Health Justice in Teaching & Learning within the MPT Curriculum

Anti-oppressive pedagogies (AOP) are becoming increasingly important for professional healthcare education to help foster and promote equity, diversity, and inclusion (EDI), and ensure future healthcare providers are able to meet the needs of diverse clients. As professional healthcare programs respond to calls for student-centered and justice-oriented teaching and learning strategies. In response, our SoTL projects explore 'the how to' of incorporating these concepts into a Master of Physical Therapy (MPT) curriculum. We explore current strengths and gaps within MPT curriculum, and ways to support development of reflective practice and critical self-awareness among students.

nātawihowin and *mamawiikikayaahk*
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THE JANE AND RON GRAHAM CENTRE
FOR THE SCHOLARSHIP OF TEACHING AND LEARNING
UNIVERSITY OF SASKATCHEWAN

COMMERCIALIZATION AND INNOVATION LABORATORY

The Commercialization and Innovation Laboratory provides opportunities for private sector personnel to work in collaboration to effect seamless transition between knowledge development and commercial activity, including developing and testing potential products and services for the health and safety of rural people.

Research Programs/Projects

Low-Cost Rollover Protective Structures (ROPS)



Agriculture continues to be one of the highest-risk industries in Canada, with tractor rollovers remaining a leading cause of fatal and serious workplace injuries. Despite this evidence, a significant number of older tractors in Canada continue to operate without ROPS due to cost, limited availability of commercial systems for legacy equipment, and the low market value of older tractors. The Low-Cost ROPS Project was undertaken by CCRAH to address this persistent occupational health and safety risk. Dr Niels Koehncke is leading the research project and Jim Wassermann is coordinating the engineering.

In 2025, activities occurred in both Newfoundland & Labrador and Saskatchewan.

CCRAH worked closely with the Newfoundland and Labrador Federation of Agriculture (NLFA) and Memorial University of Newfoundland (MUN). Eight ROPS were built and six of them were tested. Material costs for the fabricated ROPS ranged from approximately $457 for smaller units to about $1,000 for larger designs. These costs were substantially lower than commercially available ROPS. Fabrication time generally ranged from 8 to 12 hours.

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Work to live.

An independent survey conducted by MUN and NLFA confirmed a positive participant experience. All respondents agreed that the program improved safety awareness, met cost expectations, and would be beneficial to other farmers. Participants identified affordability, improved safety, and adaptability of the designs as key strengths, while also providing practical suggestions to improve fabrication instructions and clarity.

In Saskatchewan, primary activities focused on testing ROPS and streamlining the CCRAH ROPS Test Facility with help from Fourth Year USask Mechanical Engineering students. The AgROPSCanada website is currently being updated. Social marketing of the program was conducted by CCRAH and Network staff.

Looking ahead, the focus will be on building and testing ROPS on Saskatchewan farms. A video will be produced for farmers showing the building process thus enabling easier fabrication. The updated website will be completed and social marketing will continue. Engineering support will also continue to NLFA and their farmers.

Services

CANWORKSAFE

CANWORKSAFE has been providing occupational health and safety screening and services to companies across Saskatchewan since 1987. This program offers a range of services, including:

- Respirator fit testing
- Audiometric testing
- Respiratory testing
- And many more specialized health and safety services

These services are available for a fee. However, rural municipalities that are members of our network are eligible for a discounted rate.

CANWORKSAFE services are offered both to industry clients and locally in RM offices for RM employees during our One2One Respiratory and Hearing Clinics.

Clinic Date	RM No.	Location	Div	RM Employees Screened
June 23, 2026	RM of Viscount #341	Viscount	6	6
July 3, 2025	RM of Eldon #471	Maidstone	6	11
July 9, 2025	RM of Saskatchewan Landing #167	Stewart Valley	3	5
August 6-7, 2025	RM of Blucher #343	Bradwell	5	14
October 23, 2025	RM of Miry Creek #229	Abbey	3	5
October 27, 2025	RM of Pleasantdale #398	Naicam	4	0
November 17, 2025	RM of Tecumseh #65	Stoughton	1	5
November 26, 2025	RM of Gull Lake #139	Gull Lake	3	5

November 27, 2025	**RM of Maple Creek #111 and RM of Piapot #110**	Maple Creek	3	**13**
January 20, 2026	**RM of McCraney #282**	Kenaston	5	**1**
January 29, 2026	**RM of Britannia #502**	Lloydminster	6	**5**
February 3 & 4, 2026	**RM of Tisdale #427 and RM of Connaught #457**	Tisdale	4	**11**
February 12, 2026	**RM of Glen Bain #105**	Glen Bain	3	**0**
February 23, 2026	**RM of Rosedale #283**	Hanley	5	**4**
February 25, 2026	**RM of the Gap #39**	Ceylon	2	**0**
March 6, 2026	**RM of Dundurn #314**	Dundurn	5	**5**
March 17-18, 2026	**RM of Orkney #244**	Yorkton	4	**6**
March 25, 2026	**RM of Elmsthorpe #100**	Avonlea	2	**3**
March 26, 2026	**RM of Longlaketon #219**	Earl Grey	2	**0**
March 31, 2026	**RM of Leroy #339**	Leroy	5	**10**

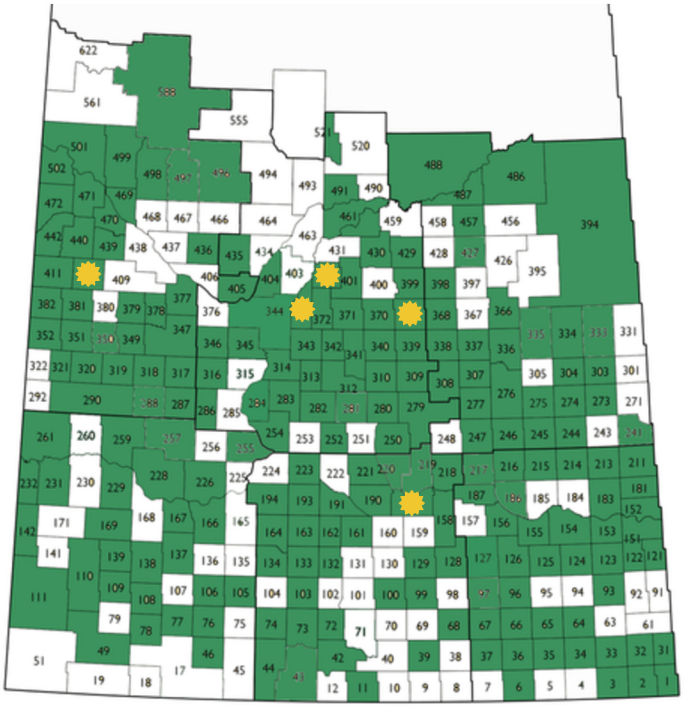
HEALTH AND SAFETY OUTREACH LABORATORY

Focused on moving the research evidence into resources, programs, and services to support rural people, the Health and Safety Outreach Laboratory has the capacity for population assessments and training for common exposures (noise, respiratory, chemical, etc.). Equipment and tools in the lab include portable and volumetric spirometers, quantitative mask fit testing equipment, portable audiometer, audiometric booth, health screening equipment, hearing protection fit testing equipment, display settings for resource distribution, and confidential medical file storage capacity. Programming is offered to over 21,000 rural Saskatchewan residents through our Agricultural Health and Safety Network, and across Canada and worldwide through our partnerships.

AHSN MEMBERSHIP 2025-2026

Founding RMs - 1988:

R.M. of Lumsden No. 189, R.M. of St. Peter No. 369, R.M. of Aberdeen No, 373, R.M. of Fish Creek No. 402, R.M. of Round Valley No. 410.



204

Rural Municipality members

FROM 191 RMS IN 2025

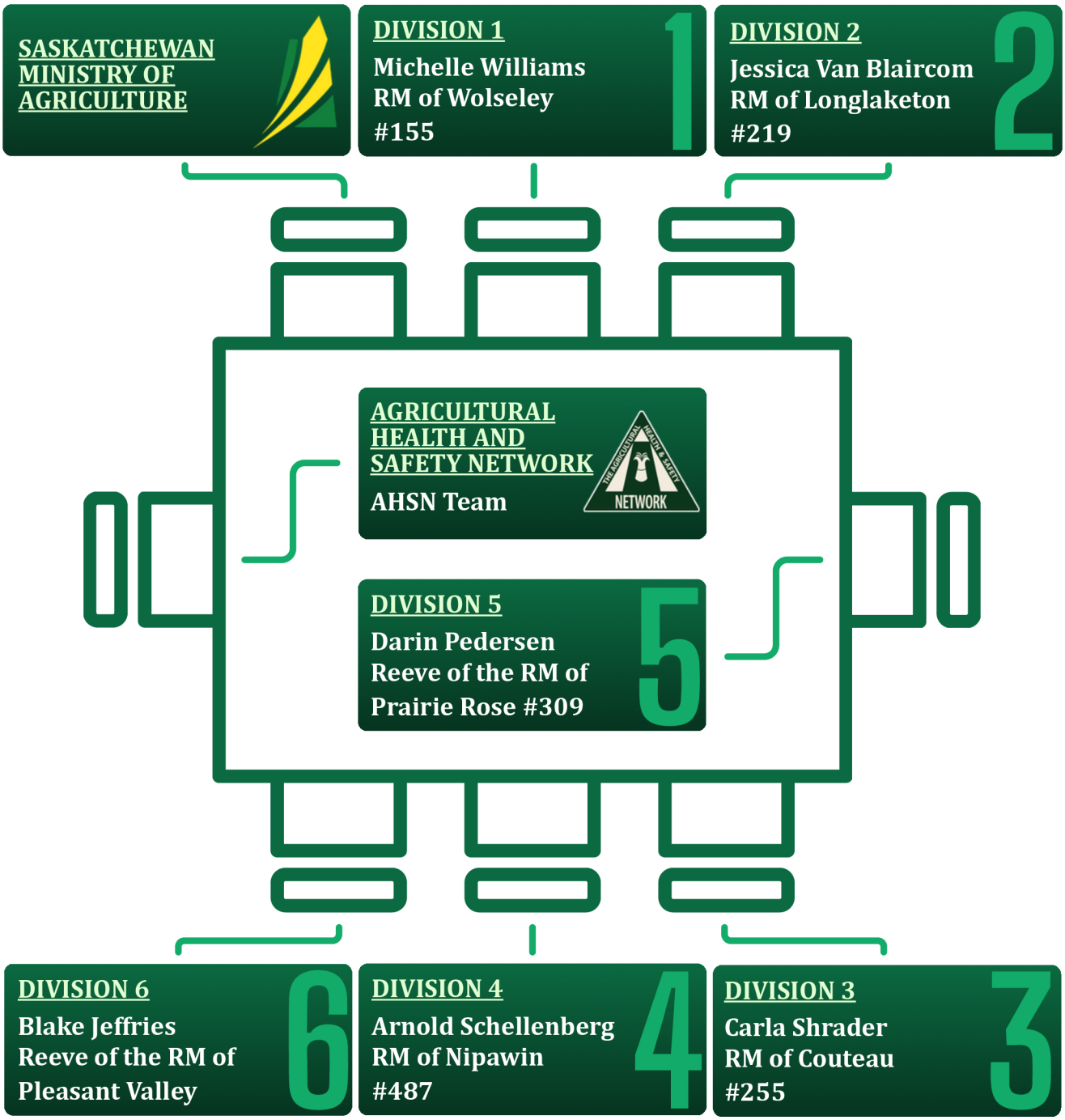
SERVING OVER

25,000

Saskatchewan farm families

AHSN STEERING COMMITTEE

Thank you to our Steering Committee members who provide valuable grassroots feedback to us. The Steering Committee represents RM membership, farmers, and ranchers in each division of Saskatchewan and from the government. We encourage you to reach out and introduce your RM to your respective Division Steering Committee member.

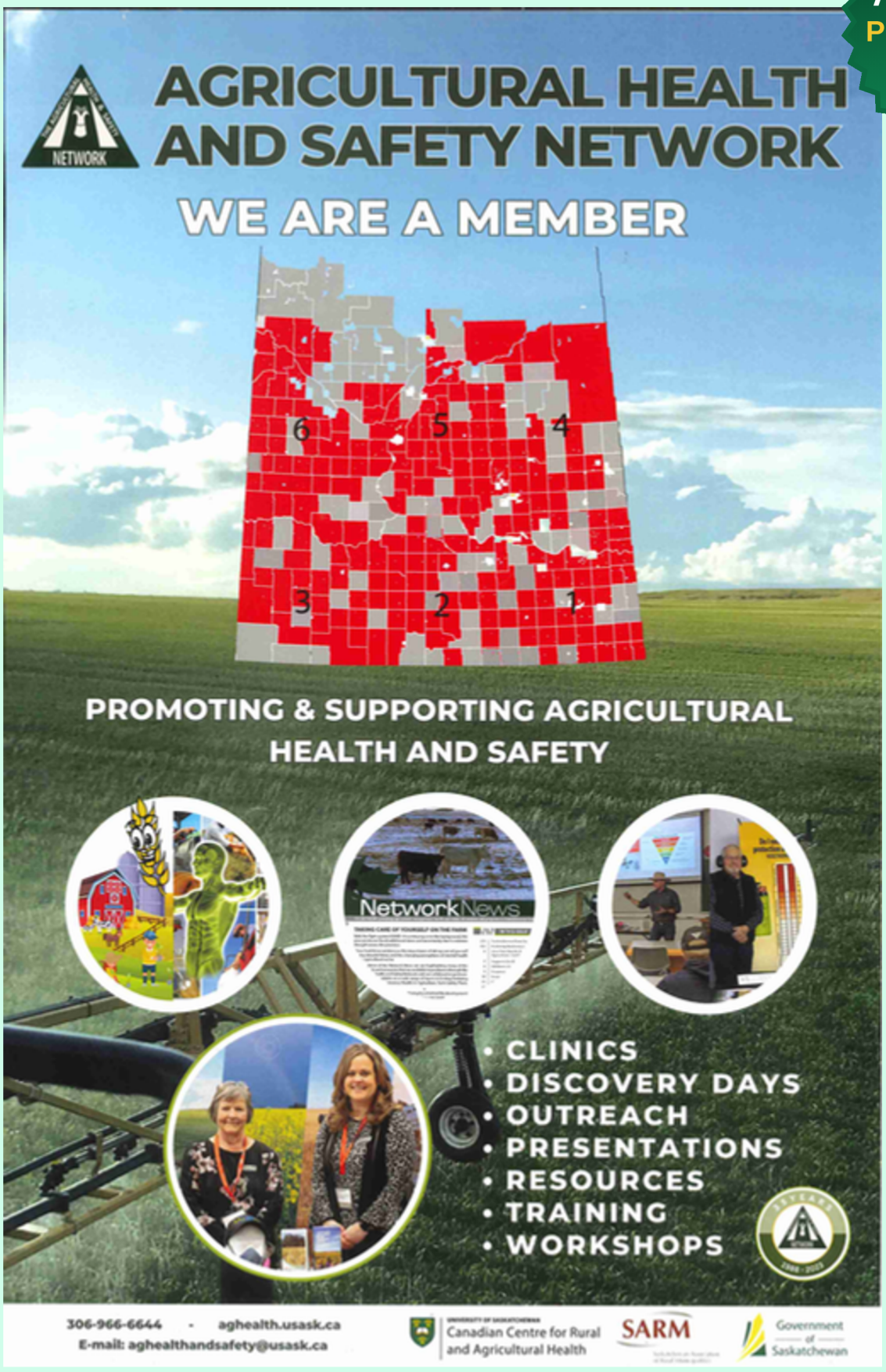


AHSN Membership 2025 - 2026

Thank you and welcome to the new RMs who joined our network in 2025!

R.M. of Argyle No. 1
R.M. of Mount Pleasant No. 2
R.M. of Enniskillen No. 3
R.M. of Cambria No. 6
R.M. of Hart Butte No. 11
R.M. of Storthoaks No. 31
R.M. of Reciprocity No. 32
R.M. of Moose Creek No. 33
R.M. of Browning No. 34
R.M. of Benson No. 35
R.M. of Cymri No. 36
R.M. of Lomond No. 37
R.M. of The Gap No. 39
R.M. of Willow Bunch No. 42
R.M. of Old Post No. 43
R.M. of Waverley No. 44
R.M. of Glen McPherson No. 46
R.M. of White Valley No. 49
R.M. of Brock No. 64
R.M. of Tecumseh No. 65
R.M. of Griffin No. 66
R.M. of Weyburn No. 67
R.M. of Brokenshell No. 68
R.M. of Lake Of The Rivers No. 72
R.M. of Stonehenge No. 73
R.M. of Wood River No. 74
R.M. of Auvergne No. 76
R.M. of Wise Creek No. 77
R.M. of Grassy Creek No. 78
R.M. of Wawken No. 93
R.M. of Wellington No. 97
R.M. of Wellington No. 97
R.M. of Caledonia No. 99
R.M. of Elmsthorpe No. 100
R.M. of Sutton No. 103
R.M. of Glen Bain No. 105
R.M. of Whiska Creek No. 106
R.M. of Bone Creek No. 108
R.M. of Carmichael No. 109
R.M. of Piapot No. 110
R.M. of Maple Creek No. 111
R.M. of Moosomin No. 121
R.M. of Martin No. 122
R.M. of Silverwood No. 123
R.M. of Kingsley No. 124
R.M. of Chester No. 125
R.M. of Montmartre No. 126
R.M. of Francis No. 127
R.M. of Lajord No. 128
R.M. of Bratt's Lake No. 129
R.M. of Hillsborough No. 132
R.M. of Rodgers No. 133
R.M. of Shamrock No. 134
R.M. of Swift Current No. 137
R.M. of Webb No. 138
R.M. of Gull Lake No. 139
R.M. of Enterprise No. 142
R.M. of Rocanville No. 151
R.M. of Spy Hill No. 152
R.M. of Willowdale No. 153
R.M. of Elcapo No. 154
R.M. of Wolseley No. 155
R.M. of Indian Head No. 156
R.M. of Edenwold No. 158
R.M. of Moose Jaw No. 161
R.M. of Caron No. 162
R.M. of Wheatlands No. 163
R.M. of Chaplin No. 164
R.M. of Excelsior No. 166
R.M. of Sasklanding No. 167
R.M. of Pittville No. 169
R.M. Langenburg No. 181
R.M. of Fertile Belt No. 183
R.M. of Abernethy No. 186
R.M. of North Qu'Appelle No. 187
R.M. of Lumsden No. 189
R.M. of Dufferin No. 190
R.M. of Marquis No. 191
R.M. of Eyebrow No. 193
R.M. of Enfield No. 194
R.M. of Churchbridge No. 211
R.M. of Saltcoats No. 213
R.M. of Cana No. 214
R.M. of Stanley No. 215
R.M. of Tullymet No. 216
R.M. of Lipton No. 217
R.M. of Cupar No. 218
R.M. of Longlaketon No. 219
R.M. of McKillop No. 220
R.M. of Sarnia no. 221
R.M. of Huron No. 223
R.M. of Victory No. 226
R.M. of Lacadena No. 228
R.M. of Miry Creek No. 229
R.M. of Happyland No. 231
R.M. of Deer Forks No. 232
R.M of Calder No. 241
R.M. of Orkney No. 244
R.M. of Garry No. 245
R.M. of Ituna Bon Accord No. 246
R.M. of Kellross No. 247
R.M. of Last Mountain Valley No. 250
R.M. of Arm River No. 252
R.M. of Loreburn No. 254
R.M. of Couteau No. 255
R.M. of Monet No. 257
R.M. of Snipe Lake No. 259
R.M. of Chesterfield No. 261
R.M. of Sliding Hills No. 273
R.M. of Good Lake No. 274
R.M. of Insinger No. 275
R.M. of Foam Lake No. 276
R.M. of Emerald No. 277
R.M. of Mount Hope No. 279
R.M. of Wreford No. 280
R.M of Wood Creek No. 281
R.M. of McCraney No. 282
R.M. of Rosedale No. 283
R.M. of Rudy No. 284
R.M. of Milden No. 286
R.M. of St. Andrews No. 287
R.M of Pleasant Valley No. 288
R.M. of Kindersley No. 290
R.M. of Keys No. 303
R.M. of Buchanan No. 304
R.M. of Elfros No. 307
R.M. of Big Quill No. 308
R.M. of Prairie Rose No. 309
R.M. of Usborne No. 310
R.M. of Morris No. 312
R.M. of Lost River No. 313
R.M. of Dundurn No. 314
R.M. of Harris No. 316
R.M. of Marriott No. 317
R.M. of Mountain View No. 318
R.M. of Winslow No. 319
R.M. of Oakdale No. 320
R.M. of Clayton No. 3331
R.M. of Clayton No. 333
R.M. of Hazel Dell No. 335
R.M. of Hazel Dell No. 335
R.M. of Sasman No. 336
R.M. of Lakeview No. 337
R.M. of Lakeside No. 338
R.M. of LeRoy No. 339
R.M. of Wolverine No. 340
R.M. of Viscount No. 341
R.M. of Colonsay No. 342
R.M. of Blucher No. 343
R.M. of Corman Park No. 344
R.M. of Vanscoy No. 345
R.M. of Perdue No. 346
R.M. of Biggar No. 347
R.M. of Grandview No. 349
R.M. of Mariposa No. 350
R.M. of Progress No. 351
R.M. of Heart's Hill No. 352
R.M. of Kelvington No. 366
R.M. of Spalding No. 368
R.M. of St. Peter No. 369
R.M. of Humboldt No. 370
R.M. of Bayne No. 371
R.M. of Grant No. 372
R.M. of Aberdeen No. 373
R.M. of Glenside No. 377
R.M. of Rosemount No. 378
R.M. of Reford No. 379
R.M. of Grass Lake No. 381
R.M. of Eye Hill No. 382
R.M. of Hudson Bay No. 394
R.M. of Pleasantdale No. 398
R.M. of Lake Lenore No. 399
R.M. of Hoodoo No. 401
R.M. of Fish Creek No. 402
R.M. of Laird No. 404
R.M. of Great Bend No. 405
R.M. of Round Valley No. 410
R.M. of Senlac No. 411
R.M. of Tisdale No. 427
R.M. of Flett's Springs No. 429
R.M. of Invergordon No. 430
R.M. of Redberry No. 435
R.M. of Douglas No. 436
R.M. of Cut Knife No. 439
R.M. of Hillsdale No. 440
R.M. of Manitou Lake No. 442
R.M. of Connaught No. 457
R.M. of Birch Hills No. 460
R.M. of Prince Albert No. 461
R.M. of Turtle River No. 469
R.M. of Eldon No. 471
R.M. of Wilton No. 472
R.M. of Moose Range No. 486
R.M. of Nipawin No. 487
R.M. of Torch River No. 488
R.M. of Buckland No. 491
R.M. of Spiritwood No. 496
R.M. of Meadstead No. 497
R.M. of Parkdale No. 498
R.M. of Mervin No. 499
R.M. of Frenchman Butte No. 501
R.M. of Britannia No. 502
R.M. of District of the Lakelands
R.M. of Meadow Lake No. 588
R.M. of Meadow Lake No. 588

Increasing Awareness!
Posted in AHSN Member RM Offices.



Mobile Unit Update

Waseca Wagon I

Waseca Wagon I - the SUV, has been supporting CCRAH's research to action process, including offering One2One clinics in rural municipalities (RMs), complex and primary memory clinics in Saskatoon and in rural Saskatchewan, presenting at tradeshows, invited presentations at industry and community events, and bolstering connection to community including farmers, ranchers, rural and indigenous people.



Waseca Wagon I outside of the RM of Gull Lake #139 municipal office for a One2One Respiratory & Hearing Clinic on November 26, 2025

Waseca Wagon II



Kendra Ulmer (AHSN Manager) with the Waseca Wagon II

The Waseca Wagon II mobile One2One clinic unit was completed and processed through University of Saskatchewan procurement. The Waseca Wagon II is undergoing some additional upgrades and will be on the road soon. The Waseca Wagon II will be present at Ag in Motion in Langham, SK, from July 21- 23, 2026 with the official launch at SARM 2027. The new unit will give us speed and flexibility to travel to rural areas in Saskatchewan to support residents as well as expand our health screening services. This unit will also serve rural communities, bringing services to those communities and improving the well-being of rural residents throughout the province. Waseca II is equipped with 3 exam rooms alongside clinical screening equipment and capabilities, thereby greatly expanding our offerings, reach, and impact. Initial screening services include: respiratory clinics, hearing loss prevention clinics, and general wellness screenings/outreach.

FARM SAFETY PLAN

PROTECTING OUR FARMS, FAMILIES, WORKERS, AND FUTURE

In late 2025, we relaunched our three-phase Farm Safety Plan workshop series, providing farmers with structured, hands-on support in developing comprehensive safety plans for their operations. Over the past several months, these workshops have assisted more than 17 farms in strengthening on-farm safety practices and building a safer future for their families, workers, and communities.





Whitney Harder (left), Joan Ulmer (middle) and Karen Marcinkiw (right) at the Western Canadian Crop Production Show with the new Farm Safety Plan banners.

To further enhance program visibility, we actively promoted the Farm Safety Plan at trade shows and community events. This included the introduction of two newly designed banners created by CCRAH's communications team. The banners highlight the key benefits of implementing a farm safety plan and have effectively captured the attention of attendees, reinforcing our commitment to advancing farm safety for Saskatchewan farmers and ranchers.

*We received **53 registrations** from farmers/ranchers interested in taking FSP workshops. Additional workshops planned for fall 2026.*

3-PHASE WORKSHOPS

Date	Location	# Participants
December 16, 2025	Phase I (virtual)	4
January 7, 2026		4
January 20, 2026		5
January 29, 2026		4
January 21, 2026	Phase II (virtual)	6
February 3, 2026		5
February 4, 2026		3
March 24, 2026	Phase III (In Person)	15
March 25, 2026		

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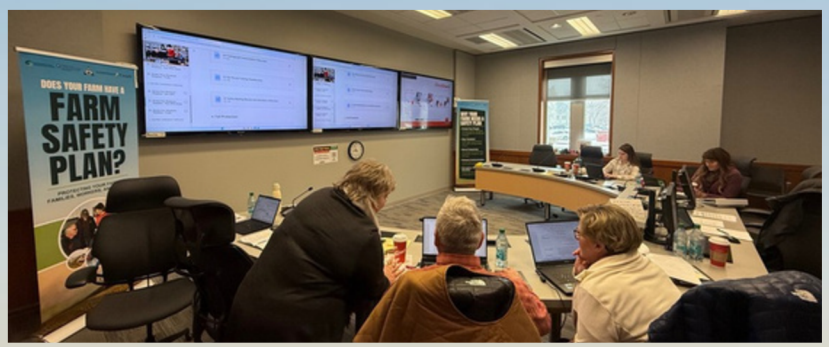
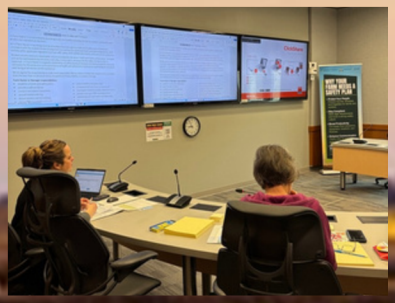
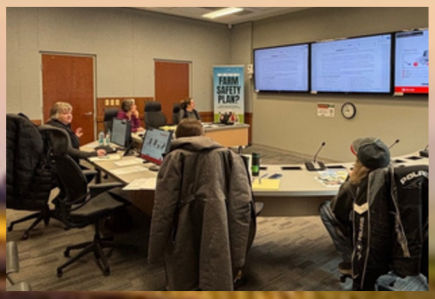
PHASE	FORMAT & TIME	WHAT'S COVERED	OUTCOME
PHASE 1 FARM SAFETY PLAN CONTENT	Virtual 5-6 Hours Beginners Welcome	Learn legislation, roles, hazard ID, emergency planning.	Foundational knowledge - ready to start your plan with confidence.
PHASE 2 INTRO & NAVIGATION OF RESOURCES	Virtual 4-5 Hours Builds on Basics	Navigate templates and customize your plan.	Comfortable editing materials for your unique operation.
PHASE 3 WORKBOOK ADAPTATION & FEEDBACK	In Person 5-6 Hours Hands-on	Adapt templates with expert feedback.	Fully equipped to build, maintain, and live your plan.





















FSP Phase 3 Workshop delivery on March 24th and 25th, 2026 at CCRAH

Thank you to Vital Insight for your consultation services on this project to date!

Thank you to our partners for your continuous support!

Sustainable Canadian Agricultural Partnership

University of Saskatchewan Canadian Centre for Rural and Agricultural Health CCHSA-CCSSMA.USASK.CA

Agriculture Health & Safety Network

Saskatchewan Canada

Discovery Days

What are Discovery Days?

Offered in rural member RM member schools, the Agricultural Safety Discovery Days promote safety awareness among rural Saskatchewan children. The interactive program aims to educate children on the potential hazards associated with farm work and equip children with the knowledge to identify and circumvent risks. In-person or virtual delivery of our Discovery Days presentations are designed for rural students in grades 4-6.



Scan the QR Code to learn more about Discovery Days!

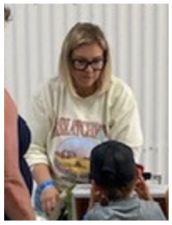
Discovery Days Presenter Team



Brooke Burletoff
Borden, SK



Sheri Pedersen
Lockwood, SK



Leanne Schnell
Carnduff, SK



Bailey Kemery
Kerrobert, SK



Robyn Gerbrandt
Swift Current, SK



Shelly Sander
Saskatoon, SK
Program Lead



Thank you to FFUN Motorsports for partnering with us!

Thank You

SASKPOWER
for joining us for multiple Discovery Days presentations!

&

SASKATCHEWAN WHEAT DEVELOPMENT COMMISSION & SASK OILSEEDS
for your support of the Discovery Days Program in 2025 - 2026

List of Discovery Days

April 2025 - March 2026



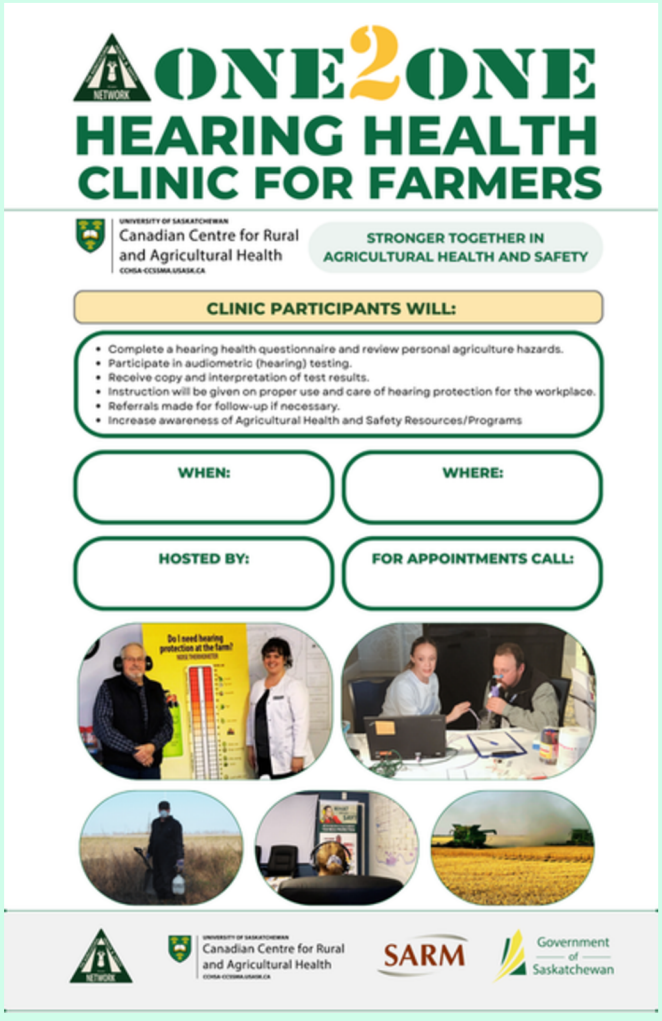
We hope you enjoyed Discovery Days as much as we did! See you soon!

57 Presentations at 24 Schools in 23 RMs

School	Date	RM	Div	# Students
Allan Composite School	April 3, 2025	RM of Lost River #313	5	35
St. Gabriel School	April 15, 2025	RM of Biggar #347	6	55
Marshall School	April 28, 2025	RM of Wilton #472	6	29
H. Hardcastle School	April 30, 2025	RM of Turtle River #469	6	34
Emergency Awareness Family Fun Event	May 10, 2025	RM of Britannia #502	6	N/A
Prairieland School Sovereign Colony	May 13, 2025	RM of St. Andrews #287	6	14
Rosetown Colony School	May 13, 2025	RM of St. Andrews #287	6	7
Luseland District School	May 15, 2025	RM of Progress #351	6	101
Clear Spring Colony	May 28, 2025	RM of McCraney #282	5	30
Stoughton Library	May 29, 2025	RM of Tecumseh #65	1	4
Springfield Colony School	June 6, 2025	RM of Kindersley #290	6	21
Colonsay School	June 13, 2025	RM of Colonsay #342	5	57
Jubilee Elementary School	September 24, 2025	RM of Meadow Lake #588	6	135
Lafleche Central School	October 21, 2025	RM of Wood River #74	2	90
Newmark Colony School	November 27, 2025	RM of Reford #379	6	15
Hillsvale Colony School	November 27, 2025	RM of Cut Knife #439	6	25
North Valley Elementary School	January 21, 2026	RM of McLeod #185	1	45
Preeceville School	January 22, 2026	RM of Preeceville #334	4	60
Hofer Colony School	January 23, 2026	RM of Keys #303	4	16
Prairie Grove Colony School	January 26, 2026	RM of Loreburn #254	5	17
Ituna School	January 28, 2026	RM of Ituna Bonne Accord #246	4	55
West Bench Colony School	March 11, 2026	RM of White Valley #49	3	15
McGee Colony School	March 17, 2026	RM of Pleasant Valley #288	6	6
Consul School	March 20, 2026	RM of Reno #51	3	20

One2One Hearing and Respiratory Clinics

One2One Respiratory and Hearing Clinics are for Saskatchewan farmers/ranchers, their families and agricultural workers. Participants have the unique opportunity to meet with a trained agricultural occupational health nurse in a confidential setting to address their health and safety concerns. Our program offers personalized screenings and assessments tailored to the specific hazards, risks and exposures associated with their specific agricultural work. Our agricultural health nurse provides resources and referrals to optimize the personal health and safety of each participant. The clinics are held either in a local RM or at our clinic at the USask campus.



Are you interested in hosting a hearing or respiratory clinic for your farm families and RM Employees?
Contact (306) 966 - 6643 or aghealthandsafety@usask.ca

If your RM is interested in offering a Hearing Loss Prevention Clinic for RM employees, please reach out! Many RMs request to hold a clinic for RM employees and farmers on the same day. We look forward to working with your RM!

List of One2One Clinics

April 2025 - March 2026



211 Ratepayers and RM Employees
were screened in
20 Rural Municipalities

Thank you to the following communities for partnering with us to host a One2One Hearing Loss Prevention Clinic for farm families and RM Employees

Clinic Date	RM No.	Location	Div	Ratepayers Screened
June 23, 2026	RM of Viscount #341	Viscount	6	0
July 3, 2025	RM of Eldon #471	Maidstone	6	0
July 9, 2025	RM of Saskatchewan Landing #167	Stewart Valley	3	2
August 6-7, 2025	RM of Blucher #343	Bradwell	5	5
October 23, 2025	RM of Miry Creek #229	Abbey	3	2
October 27, 2025	RM of Pleasantdale #398	Naicam	4	3
November 17, 2025	RM of Tecumseh #65	Stoughton	1	5
November 26, 2025	RM of Gull Lake #139	Gull Lake	3	19
November 27, 2025	RM of Maple Creek #111 and RM of Piapot #110	Maple Creek	3	10
January 20, 2026	RM of McCraney #282	Kenaston	5	7
January 29, 2026	RM of Britannia #502	Lloydminster	6	2
February 3 & 4, 2026	RM of Tisdale #427 and RM of Connaught #457	Tisdale	4	4
February 12, 2026	RM of Glen Bain #105	Glen Bain	3	7
February 23, 2026	RM of Rosedale #283	Hanley	5	6
February 25, 2026	RM of the Gap #39	Ceylon	2	7
March 6, 2026	RM of Dundurn #314	Dundurn	5	6
March 17-18, 2026	RM of Orkney #244	Yorkton	4	12
March 25, 2026	RM of Elmsthorpe #100	Avonlea	2	4
March 26, 2026	RM of Longlaketon #219	Earl Grey	2	11
March 31, 2026	RM of Leroy #339	Leroy	5	0

RURAL WELLNESS COMMUNICATIONS LABORATORY



The Rural Wellness Communications Laboratory is an interdisciplinary initiative dedicated to promoting and disseminating the work of the Canadian Centre for Rural and Agricultural Health (CCRAH) with community, industry, and academic partners. Its mission is to support research teams by developing and distributing resources and information that best shares research in an easy-to-access format. By using a communication integrated approach, digital and telecommunications lab, it ensures that rural wellness research remains accessible, relevant, and widely distributed enabling seamless collaboration with partners around the world.

Activities of the past year

Over the past year, the CCRAH Communications team has strengthened its approach to engagement and outreach to better reflect the Centre's vision, priorities, and impact. We have continued to advance our communications and social media strategy to highlight CCRAH's strengths, impactful research initiatives, and celebrate the contributions of partner organizations. Four editions of the Boots on the Ground newsletter were published and distributed to nearly 300 recipients. This publication serves as an important platform for sharing updates, insights, and stories from CCRAH and its partners, helping to deepen connections across our network. In parallel, the team has helped develop compelling Cases for Support to enhance funding opportunities and build strategic partnerships.

Notably, a significant area of effort this year has been the planning and promotion of the Safety and Health in Agricultural and Rural Populations (SHARP) 2026 Symposium. The Communications team has played a leading role in elevating the profile of this flagship event, expanding its reach across academic, industry, and rural communities. Through targeted outreach, strategic messaging, and coordinated promotional activities, the team has positioned the symposium as a key forum for knowledge exchange, collaboration, and innovation in agricultural and rural health and safety. The symposium, taking place June 16–18, 2026, represents a major milestone for CCRAH and a critical opportunity to amplify its impact on a national and international scale.

Social Media

The CCRAH Communications team manages a coordinated suite of eight social media accounts across four program areas, ensuring consistent messaging, brand alignment, and effective audience engagement. These accounts include CCRAH (X, LinkedIn, YouTube, and Facebook), AHSN (X and Facebook), RaDAR (X), and the Bridges Research Collective (Facebook and Instagram).

Through these platforms, the team promotes research initiatives, shares knowledge, amplifies partner activities, and engages with diverse audiences including researchers, practitioners, and community members. Ongoing management includes content planning, creation, posting, monitoring, and performance tracking to support organizational goals and enhance the visibility and impact of CCRAH and its affiliated programs.

1,218 Posts	5,927 Followers	341,112 Impressions	7,209 Interactions

Across all CCRAH-related social media pages

Posts - 208 Followers - 620 Interactions - 1,290 Impressions - 34,000	New Videos - 8 Subscribers - 2,156 Interactions - 1,141 Views - 121,766	Posts - 28 Followers - 125 Interactions - 353 Impressions - 10,040

Canadian Centre for Rural and Agricultural Health	Agricultural Health and Safety Network	Bridges Research Collective
Posts - 356 Followers - 271 Interactions - 1992 Impressions - 81,729	Posts - 206 Followers - 612 Interactions - 684 Impressions - 42,031	Posts - 32 Followers - 43 Interactions - 208 Impressions - 9,290

Canadian Centre for Rural and Agricultural Health (USaskCCRAH)	Agricultural Health and Safety Network (SaskAgSafety)	RaDAR (RaDAR_Usask)
Posts - 208 Followers - 669 Interactions - 803 Impressions - 22,290	Posts - 128 Followers - 927 Interactions - 544 Impressions - 15,329	Posts - 44 Followers - 504 Interactions - 194 Impressions - 4,337

In the Media

- CCRAH (2025) **Harvest Safety Ad 1.** 620 CKRM https://youtube.com/shorts/PnBVu-BWrZY?si=xoVuH3XAS8CUFEbt
- CCRAH (2025) **Harvest Safety Ad 2.** 620 CKRM https://youtube.com/shorts/CnQA2I9EyPE?si=PiaWsNAc1mOAPXxT
- CCRAH (2025) **Partnership-driven innovation for rural health and safety.** Horizons Europe The Innovation Platform. https://www.innovationnewsnetwork.com/ebook/canada-and-horizon-europe-vol-6/
- Koehncke N, Wassermann, J. (2026) **DIY rollover protection helps small farms upgrade older tractors safely.** Small Farms Canada. https://www.smallfarmcanada.ca/news/diy-rollover-protection-helps-small-farms-upgrade-older-trac/
- Lang, AE (2025) **Sask. researchers evaluate effects of breast reconstruction surgery on cancer survivors.** CTV News Saskatoon. https://www.ctvnews.ca/saskatoon/article/sask-researchers-evaluate-effects-of-breast-reconstruction-surgery-on-cancer-survivors/
- Lovo, S. (2026) **How can VR and AI help us learn?** USask Signature Series Podcast (S2E07) https://research.usask.ca/about/signature-areas/signature-series-podcast.php
- Lovo, S. (2025) **U of S receives grant to develop Indigenous education program in VR.** CTV News Saskatoon. https://www.ctvnews.ca/saskatoon/article/u-of-s-receives-grant-to-develop-indigenous-education-program-in-vr/
- Lovo, S. (2025) **U of S Researchers Using Virtual Reality to Teach Youth about Anatomy.** CBC Radio. https://www.cbc.ca/listen/live-radio/1-88-saskatoon-morning/clip/16159076-u-s-researchers-using-virtual-reality-teach-youth
- Lovo, S, Kim, S. (2025) **U of S researchers use VR to revolutionize Indigenous health education.** Saskatoon StarPhoenix. https://thestarphoenix.com/news/local-news/u-of-s-researchers-use-vr-to-revolutionize-indigenous-health-education
- Ulmer, K (2025) **Create a Farm Culture of Grain Safety.** Better Farming Prairies. https://www.betterfarming.com/magazines/better-farming-prairies/featured-articles/create-a-farm-culture-of-grain-safety

Knowledge Transfer

- Agricultural Health and Safety Network. (2025) **Sun Safety in Agriculture.** https://cchsa-ccssma.usask.ca/aghealth/documents/resources-by-theme/sun-safety-in-ag-july25.pdf
- Agricultural Health and Safety Network (2025) **Network News - Edition 56 Spring/Summer.** https://cchsa-ccssma.usask.ca/aghealth/documents/network-news/edition-56-spring-summer-2025.pdf
- Agricultural Health and Safety Network (2025) **Network News - Edition 57 Winter.** https://cchsa-ccssma.usask.ca/aghealth/documents/network-news/edition-57-winter-2025.pdf
- A.E. Lang, K. Thompson, and the Canadian Centre for Rural and Agricultural Health Communications team. **Farming, Shoulder Pain, and Movement.** https://research-groups.usask.ca/ergolab//documents/farm-shoulder-study-2026-version.pdf
- Kosteniuk, J. (2026, March). **RaDAR Primary Care Memory Clinics: 2025 Update.** Saskatoon, Saskatchewan: University of Saskatchewan. 14 pgs. https://cchsa-ccssma.usask.ca/ruraldementiacare/publications/2025-radar-mem-clinics-report.pdf.
- Bisso, M., Morgan, D., and Kosteniuk, J. (2026, January). **RaDAR Newsletter: January 2026,** available online https://cchsa-ccssma.usask.ca/ruraldementiacare/publications/newsletters/2026-winter-radar-newsletter.pdf
- Kosteniuk, J., Minish, D. and Bisso, M. (2025, November). **Summit 2025 Final Report Booklet.** 17 pages. https://cchsa-ccssma.usask.ca/ruraldementiacare/documents/2025-summit-report-web.pdf
- Bisso, M., Morgan, D., and Kosteniuk, J. (2025, June). **RaDAR Newsletter: June 2025**, available online https://cchsa-ccssma.usask.ca/ruraldementiacare/publications/newsletters/2025-summer-radar-news.pdf
- Kachroo, Meera, C. Karunanayake, and P. Pahwa. 2025. **Grounding Meditation in nēhiyawewin (Cree) and English.** 12min guided meditation featuring Indigenous yoga teachers and Elder. https://www.youtube.com/watch?v=VLZzgwKXGvc

BOOTS on the Ground

Newsletter of CCRAH

The Canadian Centre for Rural and Agricultural Health (CCRAH) publishes a bi-monthly newsletter titled "Boots on the Ground". This publication is dedicated to highlighting the various activities and outreach efforts of CCRAH. It serves as an essential platform for disseminating crucial information, research findings, and notable achievements to our valued collaborators, community members, and industry partners.

Through "Boots on the Ground," CCRAH aims to foster stronger connections within the rural and agricultural communities. The newsletter is designed to promote better health outcomes and enhance safety practices, not only in Saskatchewan but also across Canada and globally. Each edition features a range of topics, including updates on ongoing projects, insights from recent studies, and profiles of community initiatives.

By sharing these stories and findings, CCRAH hopes to inspire and inform its audience, encouraging the adoption of best practices and innovative solutions in rural health and agriculture. The newsletter also provides a forum for recognizing the contributions of individuals and organizations that are making a difference in these fields.

Ultimately, "Boots on the Ground" is more than just a newsletter; it is a tool for building a supportive and informed community dedicated to improving the well-being and safety of those living and working in rural and agricultural settings.

Sign up to join our
Boots on the Ground
mailing list!

Invited Presentations

- Adams S, Lovo S, Samaniego M. **Virtual Care, Artificial Intelligence, and Digital Twins: The Future of Interprofessional Care.** Canadian Nursing Students Association. Saskatoon
- Alford H., Cammer A., Dupperon A., Morgan, D., Cameron C., Kosteniuk J. **Communication and follow-up after initial evaluation in RaDAR primary care memory clinics.** An oral presentation at Geriatric Evaluation and Management Program Education Day. Saskatoon, Saskatchewan, December 12, 2025.
- Beitel, J., Cammer, A. **Pulling from the Pantry to health: education and food demonstration.** NeuroSask, online learning forum, Webinar, January 29, 2026
- Cammer, A. **Nourishing Connection: Nutrition and Well-Being for Caregivers.** SCOA Caregiver's Conference April 7, 2026
- Cammer, A. **Living Well at the Table: Nutrition and Social Connection in Brain Health.** Alzheimer Society of Saskatchewan Head's Up for Healthy Brains March 31, 2026.
- Cammer, A., Beitel, J. **Food choices to support health**. NeuroSask, online learning forum, Webinar, January 22, 2026.
- Cammer, A. **Comfort Nutrition and End of Life Care.** Pallium Canada in Partnership with Canadian Geriatric Nursing Association – Palliative care ECHO Project Community of Practice webinar series, virtual, September 11, 2025.
- Cammer, A. **Ingredients for Success: A dietitian-led nutritional health program**. University of Saskatchewan I-PASS, virtual, September 10, 2025.
- Cammer, A. **Nutrition Care at End of Life.** Pallium Canada in Partnership with Canadian Geriatric Nursing Association – Palliative care ECHO Project Community of Practice webinar series, virtual, September 4, 2025.
- Cammer, A. **Nutrition to support healthy aging.** Saskatoon Council on Aging – Mayfair Hub-Club, Saskatoon, SK, May 15, 2025.
- Cammer, A. **Eating to support living well with MS**. MS Beyond Diagnosis – Building Bridges to Wellness Forum, Regina SK and virtual, May 14, 2025.
- Cammer, A. **Designing an evaluation of an experiential learning project to promote dietetic practice readiness and professional identity formation**. SoTL Shines Summit, Saskatoon, SK. May 8-9, 2025.
- Grona K, Macqueen Smith F, Hansen-Gardiner T, Lovo S. **Research on the Health Impacts of the 2025 Wildfire Evacuations on Indigenous People in Saskatchewan and Manitoba.** Saskatoon, Saskatchewan.
- Grona K, Courtreille H, Hanson-Gardiner T, Wilson T, Stempień J, Oyedokun S, Lovo S. **First Nation and Métis Patients' Experiences in Saskatoon Emergency Rooms.** Sk-NEIHR Research Event, Wanusekwin. November 2025.
- Henry R, Graham H, McKinney V, Marks W, Elsner A, Lovo S. **Saskatchewan NEIHR Panel.** CIHR's Institute Advisory Boards for the Institute of Indigenous Peoples Health, and the Institute of Human Development, Child and Youth Health. Saskatoon, Canada, 2025

- Henry R, Marks W, Lovo S, McKinney V, Macqueen Smith F. **Indigenous Community Engagement in Research.** Saskatchewan Research Facilitation network Forum., 2025
- Kirychuk S. **Healthy Communities in Rural and Remote Areas – Challenges and Opportunities.** People Around the World International Congress 2025 (PAW 2025), Saskatoon, SK, October 22-24, 2025
- Kirychuk S. Panelist. **Northern, rural and remote, and Indigenous Research.** Northern Research Workshop, University of Saskatchewan, Saskatoon, SK, September 25, 2025
- Kirychuk S. **Pre-Paw Congress Workshop: Choose France for Research.** People Around the World International Congress 2025 (PAW 2025), Saskatoon, SK, October 22-24, 2025
- Koehncke N. **Doc I'm Allergic to Work.** Presentation to Saskatoon Allergy Interest Group. October 21, 2025.
- Koehncke N. **Risk Factors for Musculoskeletal Disorders (MSDs) During Equine Radiography.** Saskatchewan Epidemiology Association 24th Annual Fall Symposium. September 26, 2025.
- Koehncke N, Wasserman J. **The Low-Cost ROPS Program.** Invited presentation to the Agricultural Section of the International Social Security Association (ISSA – Poland via Zoom). April 23, 2026
- Kosteniuk J., Açan Osman B, Quail J. **Using administrative data in rural dementia health services research.** An invited oral presentation at Big Ideas About Health Data Speaker Series: Health Data Research Network Canada. Virtual. January 29, 2026.
- Kosteniuk J. **Working together to support RaDAR primary care memory clinics.** An invited oral presentation at Thrive at Home Learning Circle hosted by the Saskatchewan Health Quality Council. Virtual. April 9, 2026.
- Kosteniuk, J., Morgan, D., O'Connell, M., Seitz, D., Cameron, C., Karunanayake, C., Elliot, V. **Service needs and self-efficacy of care partners attending rural primary care memory clinics.** An oral presentation at Department of Medicine Research Day, University of Saskatchewan, Saskatoon, May 2, 2025.
- Lang, A.E. **People Around the World (PAW) 2025 International Conference: Shoulder Health and Ergonomics Research Lab Experience,** Saskatoon, SK. October 2025.
- Lang, A.E. **Shoulder biomechanics and clinical populations.** Division of Rheumatology Grand Rounds, University of Saskatchewan, Saskatoon, SK. September 2025.
- Lawson, J. **Mental Health Conditions Related to Allergic Disease.** European Academy of Allergy and Clinical Immunology (EAACI) International Congress 2025, Glasgow, June 12, 2025 to June 16, 2025.
- Lawson, J. **Ravaging land, mind and lungs: Asthma is associated with PTSD in individuals exposed to warzones.** European Academy of Allergy and Clinical Immunology (EAACI) International Congress 2025, Glasgow, June 12, 2025 to June 16, 2025.
- Lawson, J. **Neurodevelopmental and mental disorders (NMDs) and their relationship with allergic disease**. Saskatoon Allergy Interest Group, March 2025.

- Lovo S, Bowes B, Wolfe-Keller S, Eloise Fineday. **Partnering with Indigenous Communities to Advance Access to Care Using Digital Technologies.** Digital Health Canada Keynote Address. Regina, Saskatchewan, November 2025.
- Lovo S, Newton C, Dunn H, Schock G, Newton M. **Connected Care: Telerehabilitation Tools and Strategies for Today's Physical Therapist.** Saskatchewan College of Physical Therapists, November 2025.
- Lovo S. **First Nation and Métis Community-Directed Models of Care for Management of Pain in Rural and Remote Settings.** Pain and Therapeutics Conference. Saskatoon. 2025.
- Lovo S. **Next Steps: Community Direction and Team Building – Rehabilitation Research 2025 and Beyond.** Virtual Health Hub Knowledge Sharing Event. Whitecap Dakota Nation, Treaty 6 Territory. 2025
- Lovo S and Deason J. **Present and Future of Virtual Rehabilitation in Saskatchewan: Virtual Health Hub.** Saskatchewan Health Authority Rehabilitation Virtual Therapy Design Event. 2025.
- Lovo S and Deeson J. **Site Selection Tool for Virtual Health Hub.** Senior Technical Advisory Group Federation of Sovereign Indigenous Nations. 2025.
- Lovo S and Dunn H. **Enhancing Access to Pediatric Rehabilitation in Partnership with Northern Communities.** Northern Ontario TIPS Project Team. 2025.
- Lovo S and Sewap S. **Concussion in Communities**. ECHO Concussion Project. Toronto. 2025.
- Lovo S, Panel Member. **Allyship and Relationship Building. Partnering with Indigenous Communities to co-Develop and Evaluate Pediatric Rehabilitation Strategies – Pan-Canadian Perspective.** University of Sherbrooke and University of Saskatchewan. (Virtual Conference). 2025.
- Lovo S, Panel Member. **Researcher Profile.** College of Medicine Undergraduate Research Symposium. Saskatoon. 2025.
- O'Rourke, H. M., Hoben, M., Peacock, S., Swindle, J., Bethell, J., Boscart, V., Chamberlain, S., Cranley, L., Dal Pizzol, F. L. F., Ghosh, S., Hopper, T., McGilton, K., & O'Connell, M. E. **Connecting Today: How a facilitated remote visiting program may address loneliness of people living with dementia in care homes.** Oral presentation. Canadian Gerontological Nursing Association (CGNA): 23rd Biennial CGNA Conference. Winnipeg, Manitoba, May 29-31, 2025.
- Shavadia J, Tomilin M, Caspar-Bell G, Chumala P, Mangipudi R, Thompson B, Haddad H, Katselis GS. **Sodium-Glucose cotransporter 2 inhibitors Preceding ST-elevation Myocardial Infarction: Global Proteomics and Pathobiological Insights.** Department of Medicine Research Day, University of Saskatchewan, Saskatoon, SK, May 2, 2025.
- Stavness, C., Gordon, J., Hyde, A., Loeppky, R., Walker, R., Broks, K., Cammer, A., Yakiwchuk, E. **Interprofessional collaboration: A team approach to transforming care.** University of Saskatchewan I-PASS, virtual, September 10, 2025

Conference Presentations

- Alford H., Cammer A., Dupperon A., Morgan D., Levinton T., Cameron C., Kosteniuk J. **From diagnosis to direction: Navigating rural primary care memory clinics.** A poster presentation at the 18th Annual RaDAR Rural Dementia Summit. Saskatoon, SK (virtual poster presentation). November 20, 2025.
- Alford H., Dupperon A., Cammer A., Morgan D., Kosteniuk J. **"We finally have an answer": Communication of diagnosis and experiences of assessment in rural primary care memory clinics.** A poster presentation at the 12th Canadian Conference on Dementia. Calgary, AB, Canada. October 16-18, 2025.
- Arwini A., Kirk A., O'Connell M. and Morgan D. **Predictors of long-term care admission in patients presenting to the rural and remote memory clinic in Saskatchewan.** Abstract. Canadian Neurological Sciences Federation (CNSF) 2025 Congress, Toronto, ON. July 10, 2025.
- Andres J, Predicala B., Martel M., Guo H., Kirychuk S., Zhang L. **Simulation of Air Treatment in Swine Facilities using Cold Plasma Jet Technology.** Sask Pork Symposium 2025, Saskatoon, SK. November 4-5, 2025
- Bacsu, J.D., Spiteri, R.J., Fraser, S., Cammer, A., Chasteen, A.L., Rahemi, Z., Nanson, K., Jamali, A.K. (2025). **Dementia Advocacy in Action: Examining Social Media During World Alzheimer's Month.** A poster presentation at the Gerontological Society of America Conference, Boston, MA, United States. November 13, 2025.
- Bacsu J.D., Mero K., Menard A., O'Connell M. E., Bethell J., Fraser S., Blackstock S., & Hulko W. (2025). **Advancing dementia research in Canada: Early insights from a scoping review of reviews.** Abstract. GSA Gentrological Society of America 2025 Annual Scientific Meeting, Boston, MA, United States, November 12-15, 9(Suppl 2), igaf122.4061. https://doi.org/10.1093/geroni/igaf122.4061
- Balogh D. & Lang A.E. **Humeral kinematic variability during simulated farm task performance across laboratory and in-field agricultural settings.** International Society of Biomechanics Conference, Stockholm, Sweden. July 27-31, 2025.
- Balogh D., Kociolek A., Milosavljevic S., Katselis G., & Lang A.E. **Whole body and seat to head vibration exposure during the operation of different mining vehicles: a pilot study.** International Society of Biomechanics Conference, Stockholm, Sweden. July 27-31, 2025
- Balogh D., Sherlock L., & Lang A.E. **Assessment humeral kinematic differences in farm task performance: laboratory vs field locations.** Life and Health Sciences Research Expo, College of Medicine, University of Saskatchewan, Saskatoon, SK. May 2025
- Bowes B., Wolfe-Keller S., Fineday E., Bird M., Khadkha D., Lovo S. **First Nation and Métis Community Needs for Rehabilitation of Total Joint Replacements.** SK-NEIHR Research Engagement Day, Wanuskewin, SK. October 2025.

- Cammer, A., Alford, H., Rozwadowski, M. **Equipping Learners for Practice: A peer-to-peer experiential learning project within a competency-based dietetics professional practice course.** International Society for Scholarship of Teaching and Learning (ISSOTL) conference. Otautahi Christchurch, New Zealand. November 3-6, 2025.
- Cammer, A. **Disrupting Boundaries within Professional Identity Formation: Examining integration of inclusivity, diversity, equity, and accessibility throughout an undergraduate health science training program.** Mount Royal University Symposium on Scholarship of Teaching and Learning. Calgary, AB, Canada. October 14 – 16, 2025.
- Campbell, L. & Lang, A.E. **Validating muscle activity in persons with subacromial pain syndrome using the OpenSim thoracoscapular model.** 25th Alberta Biomedical Engineering Conference, Banff, AB. October 30 – November 1, 2025.
- Campbell L., & Lang A.E. **Validating muscle activity in persons with subacromial pain syndrome with modelling.** Life and Health Sciences Research Expo, College of Medicine, University of Saskatchewan, Saskatoon, SK. May 2025.
- Chao D, Milosavljevic S, Thompson B, Tomilin M, Julseth L, Lang A, Howland J, Katselis GS. **Investigating Health Risks from Occupational Whole-Body Vibration on Cognition Using Proteomics and a Rodent Model.** HUPO Conference 2025, Toronto, Ontario. November 9-14, 2025.
- Chelico L, Granadillo Rodríguez M, Shayeganmehr A, Wong L, Chumala P, Katselis GS. **Use of proteomics to investigate differential effects of APOBEC3A, APOBEC3B, and APOBEC3H Haplotype I on DNA repair.** HUPO Conference 2025, Toronto, Ontario. November 9-14, 2025.
- Cresswell B., Kosteniuk J., Kusch T., Dupperon A., Morgan D., Cammer A. **Exploring the perspectives of community-dwelling patients and care partners receiving nutrition care in a rural primary care memory clinic: Preliminary findings.** A poster presentation at the 18th Annual RaDAR Rural Dementia Summit. Saskatoon, SK (virtual poster presentation). November 20, 2025.
- Dostie R., Camden C., Corriveau H., Lovo S. in collaboration with Caron J., Nurse and Programme Director at the Wemotaci Health Centre. **Meeting on early childhood services with the Wemotaci intersectoral group: Presentation of preliminary results: 'Improving services to support the development of First Nations children'.** Trois-Rivières, QC. January 28, 2025.
- Dostie R., M'Sadoques-Plourde J., Dorion U., Camden C., Corriveau H., Lovo S., . **Colonial structures, fragmented systems: Understanding service access for First Nations Children in Canada.** 36th Annual Meeting European Academy of Childhood Disability, University of Galway, Ireland. June 3-6th 2026.
- Dostie R., Camden C., Corriveau H., Lovo S. **Co-Creating Understanding: Exploring Our Roles in Pediatric Research with Indigenous children and families.** Canadian National Perinatal Research Meeting, Montreal, Canada, May 12 – 15, 2025. Best poster award in the category ENRICH learners.

- Dunn H, Michel L, Sewap S, Lafontaine C, Hammar S, Sewap T, Swidrovich J, Camden C, Lovo S. **Family, Culture, Community. A Northern First Nation Community-Directed Needs Assessment and Piloting a Co-Developed Pediatric Hybrid Rehabilitation Clinic. Partnering with Indigenous Communities to co-Develop and Evaluate Pediatric Rehabilitation Strategies – Pan-Canadian Perspective.** University of Sherbrooke and University of Saskatchewan. (Virtual Conference). 2025
- Dunn H, Sewap S, Lafontaine C, Swidrovich J, Camden C, Lovo S. **Family, Culture, Community: A Northern First Nations Community-Directed Needs Assessment for Pediatric Rehabilitation Care.** International Meeting on Indigenous Children's Health, Winnipeg, Manitoba, Canada. (Poster conference). 2025.
- Dupperon, A., Kosteniuk, J., Cammer, A. **Exploring nutrition and hydration decisions in advance care planning for people living with dementia: A research proposal.** An oral presentation at the Canadian Centre for Rural and Agricultural Health Research Seminar, University of Saskatchewan, Saskatoon, October 7, 2025.
- Fahrvandi H., Bergen B., Bohunkicky S., Lang A.E., Scribbans T. **Altered trapezius activation and scapular kinematics in individuals with scapular dyskinesis.** International Society of Biomechanics Conference, Stockholm, Sweden. July 27-31, 2025
- Fedusiak E., Cammer A., Wickett B., Morgan D., Cameron C., Szakacs S., Kosteniuk J. **An evaluation of an active living program for older adults in rural Saskatchewan: implementation and acceptability.** A poster presentation at the Life and Health Sciences Research Expo. University of Saskatchewan, Saskatoon, May 1, 2025.
- Fitzgerald S., Bath B., Carr T., Kim S.Y., Walker R.L., Peters M.R., & Lang A.E. **Exploring upper limb musculoskeletal symptoms after gender-affirming top surgery.** Life and Health Sciences Research Expo, College of Medicine, University of Saskatchewan, Saskatoon, SK. May 2025.
- Friesen K.B. & Lang, A.E. **Breast cancer survivors alter scapular kinematics during a progressive lifting task.** International Society of Biomechanics Conference, Stockholm, Sweden. July 27-31, 2025.
- Friesen K.B., & Lang A.E. **Breast cancer survivors alter scapular kinematics during a progressive lifting task.** Life and Health Sciences Research Expo, College of Medicine, University of Saskatchewan, Saskatoon, SK. May 2025.
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- Koehncke N., Lang A.E., Cui X., Carmalt J., Reisbig N.A., Parker S., & Mayer M. **Risk Factors for Musculoskeletal Disorders During Equine Radiography.** Occupational and Environmental Medical Association Annual Scientific Meeting. Toronto, Ontario. October 2025.
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- Kosteniuk J., Açan Osman B., Morgan D., Karunanayake C., O'Connell M.E., Cammer A., Kirk A., Osman M., Campbell A., Quail J. **Differences in health service use by diagnosis type among rural and remote memory clinic patients: A retrospective cohort study.** A poster presentation at the 12th Canadian Conference on Dementia. Calgary, AB, Canada. October 16-18, 2025.
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- Kusch T., Cammer A., Cresswell B., Dupperon A., Wickett B., Fedusiak E., Klapak D., Morgan D., Kosteniuk J. **Evaluating the development and implementation of the dietitian role on rural primary care memory clinic teams.** A poster presentation at the 18th Annual RaDAR Rural Dementia Summit. Saskatoon, SK (virtual poster presentation). November 20, 2025.
- Lang A, Cui X, Koehncke N (presenter), Carmalt J, Reisbig N, Parker S, Mayer M. **Risk Factors for Musculoskeletal Disorders During Equine Radiography.** Occupational and Environmental Medical Association of Canada (OEMAC) Annual Scientific Meeting – Toronto ON. October 6-8, 2025.
- Lang, A.E., Fitzgerald, S., Bath, B., Carr, T., Kim, S.Y., Walker, R.L., & Peters, M.R. **Exploring upper limb musculoskeletal symptoms after gender-affirming top surgery.** Department of Medicine Research Day, University of Saskatchewan, Saskatoon, SK. May 2, 2025
- Lang, A.E., Campbell, L., Abiara, S., & Verity, H. **Longitudinal analysis of scapular kinematics in rotator cuff syndrome.** International Society of Biomechanics Conference, Stockholm, Sweden. July 27-31, 2025
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- Lovo S and Sewap S. **Pre-Conference Meeting on Indigenous Chronic Pain, Health and Wellness.** University of Toronto (Invited particpants). 2025
- Macqueen-Smith F, McKinney V, Opipekiw-Wajunta C. Lovo S. **Virtual Health Hub.** Indigenous Primary Health Care Policy and Research Network (IPHCPR) [Alberta NEIHR] Annual Scientific Meeting and Decolonizing Health Care Congress. 2025.
- Mauad L.D.S., Lang A.E., Adams S.J., & Fonseca M.C.R. **Ergonomic risk assessment in ultrasound sonographers using inertial measurement units.** Brazilian and International Congress of ABRAFITO, Florianopolis, Brazil. August 20-23, 2025.
- Mauad L., Adams S., & Lang A.E. **Ergonomic risk assessment in ultrasound sonographers using inertial measurement units.** Life and Health Sciences Research Expo, College of Medicine, University of Saskatchewan, Saskatoon, SK. May 2025.
- Mohammad C., Kirkham J., Smith E., Goodarzi Z., Thomas G., Bronskill S., Kosteniuk J., Seitz D. **The incidence and prevalence of dementia in Alberta, Canada between 2014 and 2022.** A poster presentation at the Alzheimer Association International Conference. Toronto, ON. July 27-31, 2025.
- O'Connell, M., Cammer, A., Kosteniuk, J. **RaDAR Research Update Panel.** An oral presentation at the 18th Annual RaDAR Rural Dementia Summit. University of Saskatchewan (virtual event). November 20, 2025.
- Sawatsky R., Mervin B., Honetschlager E., Bath B., Lovo S. **First Nation and Métis Community Needs for Rehabilitation of Total Joint Replacements.** PAW 2025 Making a World of Difference. Saskatoon. October 2025.
- Sawatsky R., Mervin B., Honetschlager E., Bath B., Lovo S. **First Nation and Métis Community Needs for Rehabilitation of Total Joint Replacements.** SK-NEIHR Research Engagement Day, Wanuskewin, SK. October 2025.
- Thompson B., Kirychuk S., Chumala P., Katselis G.S. **Proteomics Characterization of Inflammatory Markers in Swine Workers: A One-Health Approach to Occupational Health.** HUPO Conference 2025, Toronto, Ontario. November 9-14, 2025.
- Verity H., Waslen A., Sims L., & Lang A.E. **Scapular kinematics after wrist fusion: comparing to matched controls.** College of Medicine Undergraduate Research Symposium, University of Saskatchewan, Saskatoon, SK. October 2025.
- Wickett B., Cammer A., Fedusiak E., Morgan D., Klapak D., Kosteniuk J. **Barriers and facilitators to the integration of registered dietitians in rural primary healthcare memory clinics.** A poster presentation at the 12th Canadian Conference on Dementia. Calgary, AB, Canada. October 16-18, 2025.

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- Wickett B., Kosteniuk J., Fedusiak E., Morgan D., Klapak D., Cammer A. **An exploration of factors affecting dietitian involvement in rural primary healthcare memory clinics.** A poster presentation at the Life and Health Sciences Research Expo. University of Saskatchewan, Saskatoon. May 1, 2025.
- Zhang T., Dorian R., Sewap S, Johnson R., Lovo S., Foulds H., Bath B. **Indigenous Primary Health Care Policy and Research Network (IPHCPR)** [Alberta NEIHR] Annual Scientific Meeting and Decolonizing Health Care Congress Community directed assessment of pain in a northern Saskatchewan Cree community. Calgary AB. 2025.

Theses

- Castillo-Toro, A. **Antibiotic Resistance Genes in Bioaerosols from Saskatchewan Livestock Operations** (MSc Thesis). Health Sciences, University of Saskatchewan
- Gould, B. **Mental wellness needs and technological resourcing with the Mi'kmaq population of PEI: A journey of research process, discovery, opportunity, and growth** (PhD Thesis). Department of Psychology and Health Studies, University of Saskatchewan.
- Kortzman, A. I**nformal Social Support in Caregivers of Persons with Dementia: A Systematic Review of Effectiveness of Informal Social Support Interventions and a Trial Intervention** (PhD Thesis). Department of Psychology and Health Studies, University of Saskatchewan
- Naidoo, S. **Nutrition Care in "House Model" Long-Term Care: A Collective Case Study** (MSc Thesis). Department of Pharmacy and Nutrition, University of Saskatchewan.

Research Publications

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Grants

- Bronskill, S., Seitz, D., Maxwell, C., Jones, A., Kirkham, J., Kosteniuk, J. , Acan Osman, B., Bethell, J., Black, S., Cammer, A., Checkland, C., Chowdhury, M., Costa, A., Ewa, V., Godard-Sebillotte, C., Goodarzi, Z., Hanson, H., Hillmer, M., Jaakkimainen, R., Karunanthan, S., Kirk, A., O'Connell, ME., Peacock, S., Roach, P., Smith, E., Stukel, T., Vedel, I. **Canadian Dementia Health System Performance Team.** $1,074,944. (April 1, 2025-March 31, 2029). Funded by the Canadian Institutes of Health Research Team Grant, Canadian Consortium on Neurodegeneration in Aging (CCNA) Phase III Research Teams.
- Canadian Institutes of Health Research. **Assess, Redress, Re-assess: Addressing Disparities in House, Home and Mental Health Among First Nations People.** $1.39M (Co-principal Investigator). 2022-2027
- Cardoso, M., Albert, W., & Lang, A.E. (co-I) (January 2025- December 2025). **An investigation of the physical task demands of caregivers working a long-term care facility.** 33000 (CAD). Partnership with WorkSafe Saskatchewan.
- Caron, V. (NPI), Zucker-Levin, A., Kane, K., Crockett, K., Mofina, A., (2026-2027). **Assessing the need for pediatric gait analysis in Saskatchewan: a mixed methods needs assessment.** $29 765.39. College of Medicine Research Awards, University of Saskatchewan.
- Chilibeck, P., Foulds, H. & Milosavljevic, S. (April 2021 - March 2026). **Is stretching superior to aerobic training for reducing blood pressure?**, 487306.0 (CAD). Project Grant, Canadian Institutes of Health Research.
- Crockett K, Lovo S (co-PI), Dunn H, Wiebe G, Opikiew Wajunta C, McKinney V, Dostie R, Marks W, Usunier K, Lapworth D, Bourassa S, Pouteaux K, Dorion U. (2026). **Understanding Autism in First Nations Children in Saskatchewan: A Community-Engaged Study of Needs and Supports.** SHRF Impact Grant. $147, 385.00
- Dosman J.A., Michaelson V., Kachroo M., Kirychuk S. **Lived Experience of Injury, Grief, and Rehabilitation among Disabled Saskatchewan Farmers.** Social Sciences and Humanities Research Council of Canada. Partnership Engage Grant. $25,000. 2026-01 to 2027-04
- Finak P, Billinger L, Lovo S (co-I) , Kim S. (2026). **AI-based App to Support Children's Speech Practice: Feasibility and Acceptability Study in Rural First Nation, Inuit and Metis Communities.** SHRF Align Grant. $10,000.
- Gamble J, O'Brien J, Prystajecky M, Rosser T, Lovo S (co-I), Mendez I, Boan J, Mittemeyer S, Babcock M, Cruz M, Dyck H, McGonigle R, Montenegro K, Perron T, Wiedeman S, Ermel D, Razel M, Akins S, McKaskill M,, Blue G. (2026). **Harnessing the Value of Existing Remote Diagnostic Technologies in Expanding Virtual Pre-Surgery Assessments Across Saskatchewan.** SHRF Realizing Value Program. April 2026- May 2028. ($199,027).
- Jervis-Rademeyer H, Linassi G, Olver C, Lovo S, Fourney D. (2025). **Understanding perspectives about SCI healthcare and access: Relationship building with Indigenous Peoples in Saskatchewan.** COMRAD. College of Medicine, University of Saskatchewan. $30,000

- Kahan T (NPI) Co-PI: VendenBoer T, Co-applicants: Kirychuk S, Light E, Kirychuk S, Soltan J, Roburn S; Collaborators: Brinkmann M, Bradford L. **Assessing and communicating opportunities and barriers to improving indoor air quality in Canadian residences.** New Frontiers in Research Fund Exploration Grant, $250,000. 04-2024 to 03-2026
- Katselis, G., Milosavljevic, S., Howland, J. & Chumala, P. (January 2023 - June 2025). **Applications of Proteomics to Study Vibration-Related Micro-Concussions,** 29959.82 (CAD). College of Medicine Research Award, College of Medicine.
- Khan, A., Mendez, I., Adams, S., & Lang, A.E. (co-I) (January 2025-December 2025). **Development and evaluation of a novel robotic arm ultrasound system to improve access to pediatric and prenatal ultrasound services in rural and remote communities of Saskatchewan.** 30000 (CAD). College of Medicine Research Award, College of Medicine, University of Saskatchewan.
- Kim S, Lovo S (co-PI), Boechler L, Mendez I, Henry R, Graham H, Hamilton M, Leidl D. (2025). **Co-creating a VINE: Virtual Reality for Indigenous Youth and the Next Generation of Emerging Health Professionals.** New Frontiers in Research Foundation. $250,000.
- Koehncke N., Kirychuk S., Lawson J. **Health, Safety and wellbeing for the farming population – why is it still a global challenge?** College of Medicine, University of Saskatchewan. VLF. $1,500. 2026-04 to 2027-03
- Koehncke N (PI), Mayer M (Co-PI), Sidhu N, Scansen B, Goodrich L, Easly J. (Jan 2024 – Dec 2026). **Dose to the Lens of the Eye in Veterinary Workers Performing Fluoroscopic Procedures.** College of Medicine Research Award (CoMRAD). $17629.20 (CAD). Grant extended to Dec 2026.
- Koehncke N (PI), Wasserman J (Co-) (Nov 2023 – December 2026). **Roll-Over Protection Structures (ROPS) Design and Certification.** WorkSafe Saskatchewan Sponsorship Grant. $50000 (CAD). (2024)
- Koehncke N (PI), Peters C (Co-I). Jan 2026-Jan 2028. **Sun safety app for outdoor workers: a proof-of-concept intervention with RCT.** Saskatchewan Health Research Foundation Partnership Program. $50000. (2025)
- Kontulainen, S., Chilibeck, P., Spink, K., Milosavljevic, S. & Johnston, J. (February 2018 - February 2026). **Efficacy of Nordic to Improve Physical Function Quality of Life and Posture in Women with Osteoporosis, History of Vertebral Fracture or Hyperkyphosis,** 60000.0 (CAD). Sprout Grant, Saskatchewan Centre for Patient-Oriented Research.
- Kontulainen, S., Chilibeck, P., Spink, K., Milosavljevic, S. & Johnston, J. (February 2018 - February 2026). **Efficacy of Nordic walking to improve physical function, quality of life and posture in women with osteoporosis, history of vertebral fractures or hyperkyphosis**, 100000.0Sprout Grant, Saskatchewan Health Research Foundation.
- Kosteniuk, J, et al. **Adapting and Evaluating a Rural Home-Based Virtual Primary Care Memory Clinic Model.** $200,000. (July 1, 2025-June 30, 2029). Alzheimer Society of Canada New Investigator Grant.

- Kosteniuk, J. **New Faculty Start-Up Funding.** $215,824, August 1, 2023-July 31, 2026). Funded by the Office of the Vice-Dean Research, College of Medicine, University of Saskatchewan.
- Kosteniuk, J. **Rural Dementia Action Research (RaDAR) Trust Fund.** $90,000. (July 1, 2025-June 30, 2028). Funded by University of Saskatchewan College of Medicine Trust Fund established by the Bilokreli Family to support the RaDAR research program (to be awarded in 3 payments over 3 years).
- Kosteniuk, J., **New Faculty Recruitment and Retention Funding.** $40 000, (July 1, 2023-June 30, 2028). Funded by the Office of the Vice Provost, Faculty Relations Office, University of Saskatchewan.
- Kosteniuk, J., O'Connell, M.E., Cammer, A., Seitz, D., Kirk, A., Zorn, C., Klapak, D., Wiley, M., Acan Osman, B. **Exploring opportunities to increase rural primary care readiness for dementia care.** $149,909. (July 1, 2024-June 30, 2027). Funded by the Saskatchewan Health Research Foundation, Establishment Grant.
- Lang A.E, Kirychuk S., Koehncke N, Katselis G.S (Co-PIs). **Safety and Health in Agricultural and Rural Populations (SHARP): Partnering for Success.** Canadian Institutes for Health Research. Planning and Dissemination Grant. $20,000. 2025-03 to 2027-04
- Lang AE, Kirychuk S, Koehncke N, Katselis GS (Co-PIs) (2025-2027). **Safety and Health in Agricultural and Rural Populations (SHARP): Partnering for Success.** 20000 (CAD). Planning and Dissemination Grant, Canadian Institutes for Health Research.
- Lang, A.E. (NPI), Groot, G., Kim, S.Y., Carr, T., & Barden, J. (April 2024 - April 2028). S**houlder dysfunction and breast cancer treatment: biomechanical analysis of the impact of reconstruction and mastectomy.** 348076 (CAD). Project Grant, Canadian Institute of Health Research.
- Lang, A.E. (NPI), Kirychuk, S., Katselis, G., & Koehncke, N. (November 2025 – November 2026). **Safety and Health in Agricultural and Rural Populations: Partnering for Success.** 20000 (CAD). Planning and Dissemination Grant, Canadian Institute of Health Research.
- Lang, A.E. (PI), Carr, T., Groot, G., Kim, S.Y., Ratzlaff, D., Boyle, S., & McGrath, I. (December 2023 – December 2028). **Exploring functional abilities after breast reconstruction to maintain breast cancer survivor quality of life: a combined biomechanical and qualitative analysis**, 492450 (CAD). Emerging Scholar Research Grant, Canadian Cancer Society.
- Lovo S, Bath B, McKInney V, Mendez I, Deason J, Crockett K, Sawatsky R, Bowes B, Groot G, King A, van der Merwe J. (2026-2027). **A First Nation and Métis Community-Directed Approach to Culturally Responsive Virtual Rehabilitation for Hip and Knee Total Joint Replacements.** CIHR Bridging Grant. $100,000
- Lovo S, Bath B, McKinney V, Mendez I, Deason J, Crockett K, Sawatsky R, Bowes B, Groot G, King A, van der Merwe J. (2025). **A First Nation and Métis Community-Directed Approach to Culturally Responsive Virtual Rehabilitation for Hip and Knee Total Joint Replacements.** CIHR Bridging Grant. $100,000

- Lovo S (NPI), Topham T, Mendez I, Bolaji-Joseph T, Culig J, Deeson J, Bowes B. (2026). **Bridging Healthcare Gaps: Implementing Wearable Virtual Care for Remote Wound Management.** $9810.
- Maiani M, Lovo S (co-I), Farrel A, Dvigbig T, Caron V, Klassen T, Woyciuk K, ErraguntlaV, Glass L. (2026). **Development of a multi-disciplinary approach to screening cerebral visual impairment in children with perinatal and acquired brain injuries.** SHRF Impact Grant, $150,000
- Marciniuk, D. (NPI), Comfort, P. (PKU), Matear, D. (PKU), Mula, M. (PKU), Sherin, T. (PKU), Vanstone, M. (PKU), Veitch, L. (PKU), Carr, T. (PA), Ermel, D. (PA), Forgie, S. (PA), Groot, G. (PA), King, M. (PA), Lawson, K. (PA), Lovo, S. (PA), Muhajarine, N. (PA), Opikokew Wajuntah, C. (PA), Weise, C. (PA). (2026). **Saskatchewan Centre for Patient-Oriented Research Phase II Grant Extension.** Canadian Institutes of Health Research. Grant number: 2274. Funding Amount: Extension $2.5M; Full Grant $15 M.
- Martin W (NPI), Co-PI: Thompson C, Co-applicants: Kirychuk S. **Pikisowin: Home Maintenance for Health.** CIHR Seed Funding Program, College of Nursing, $15,000. 08-2024 to 07-2025.
- McDonald T (NPI), de Oliveira Scarpino van Cleef F, Kirychuk S, Koehncke N. **Wildfire Smoke and Saskatchewan Agriculture: A Collaborative Assessment of Knowledge Gaps and Research Priorities.** Social Sciences and Humanities Research Council of Canada. Partnership Engage Grant. $25,000. 2026-01 to 2027-04
- Mendez I, Adams S, Lovo S (co-PI) , McKinney. V, Sparrow-Downes V, Blue G. (2026). **Scaling Virtual Health Care Through Integrated Infrastructure, Co-Evaluation, and Learning Health Systems.** SHRF Realizing Value Program. April 2026 – May 20208. ($200,000).
- Milosavljevic, S. (January 2026 - December 2026). **Occupational Whole-Body Vibration: The Impact on Cognitive Function and Neural Biomarkers,** 29988.0 (CAD). College of Medicine Research Award, College of Medicine.
- Milosavljevic, S., Katselis, G., Lang, A.E. (co-I), & Norten, J. (January 2026 – December 2026). **Occupational Whole-Body Vibration: The Impact on Cognitive Function and Neural Biomarkers.** 30000 (CAD). College of Medicine Research Award, College of Medicine, University of Saskatchewan.
- Oosman S, Lovo S (co-PI), Sewap S, Epp L, Grona K, (2026). **Northeast and Northwestern Saskatchewan Wildfire Project.** Network Environment in Indigenous Health Research. $40,000
- Pavloff M (NPI), Kirychuk S, Ulmer K, Beck C, Weinheimer A, Day C, Stewart C.E, Laventure S, Rice E, Labrecque C. **SaskAgBuddy App.** Agriculture and Agri-Foods Canada (AAFC), Producer Mental Wellbeing Initiative. $50,000. 09-2025 to 04-2028.
- Peters, C (PI), Koehncke N (Co-I), Holness L, Tompa E, Braun N, Mofidi A. Jan 2025-Dec 2027. **Sun safety app for outdoor workers: a proof-of-concept intervention with RCT.** Canadian Cancer Society (CCS) / Canadian Institutes of Health Research (CIHR) Action Grant (Action-22). $199528. (2025)

- R Henry et al. (Lovo S co PI). 2025 **Rapid Research Response and Wildfires with Indigenous Evacuees. Network Environments for Indigenous Health Research National Coordinating Centre Wildfires Emergency Response Supplement Funding Opportunity.** CIHR Centre for Research on Pandemic Preparedness and Health Emergencies. $1.5 million, August 1, 2025-January 31, 2027.
- Rosenberg, Alan (PI), Katselis G, Collins M, Maleki F (2024-2026). **Discovering the Targets for Antinuclear Antibodies in Juvenile Idiopathic Arthritis: Towards Precision Diagnosis to Improve Care.** $100000 (CAD) to Rosenberg, Alan. Ignite Innovation Grant, Arthritis Society Canada.
- Samaniego M, Mendez I, Deeson J, Lovo S. (2025). **Electronic Medical Records (EMR) Integration for First Nation Communities in Saskatchewan.** NEIHR Community Partnership Grant, $15,000
- Seitz, D., Bronskill, S., Ewa, V., Goodarzi, Z., Gruneir, A., Harris, D., Kirkham, J., Kosteniuk, J., Ronksley, P., Smith, E., Wagg, A. **Measuring and improving the quality of community-based dementia care.** $249,589 USD. (April 1, 2024-March 31, 2026). Funded by the United States Alzheimer's Association and Brain Canada, Advancing Research on Care and Outcome Measurement (ARCOM).
- Simonson C. (NPI), Soltan J., Kahan T., Guo H., Kirychuk S. **Gas Analyzer to quantify gaseous contaminant transfer in energy recovery ventilators for healthy buildings.** NSERC. RTI Grant. $150,000. 2026-04 to 2027-03.
- Soltan J (NPI), Co-PI: Kirychuk S, Kelvin A, Co-applicants: Simonson C, Wright S. **Innovative use of hydroxylation for surface disinfection: safeguarding against avian influenza.** CIHR Catalyst Grant: Catalyzing One Health Research on Avian Influenza. $150,000. 09-2024 to 08-2025
- Thompson C (NPI), Alhassan, J, Huel C, Martin W, Kirychuk S. **Innovative Rural-Driven Solutions to Improve Immunization Programs in South West Saskatchewan.** Saskatchewan Health Research Foundation: Innovation Grant. $50,000. 2025-03 to 2026-03
- Wasserman J (PI), Koehncke N (Co-I) (Jan 2024 – Dec 2026). **Implementing a Low Cost ROPS Program to Reduce Saskatchewan Farm Fatalities.** Saskatchewan Ministry of Agriculture, Sustainable Canadian Agricultural Partnership. $50800 (CAD).
- Wiebe G, Lovo S, Daislyn V Tehseen S, **A Provincial Neurodivergent Advocacy Partnership: Developing Responsive, Inclusive Care Systems Led by Communities.** SHRF Align Grant, $10,000
- Wong K, Maltman T, O'Brien J, Earle D, Earle K, Sauder D, Miller C, Lovo S, Jeffery C, Cropper K, Tupper S, Friesen T, Khanatiwasim A, Shimp L, Janjua W. **Pain Reprocessing Therapy (PRT) for Treating Chronic Pain in Saskatchewan.** SHRF Align Grant, April 1/26-Mar 31/27. $9947.00
- Zhang L. (NPI), Kirychuk S., Predicala B., Kirychuk S., Guo H. **Reduction of odour and bioaerosol emissions in swine barns using cold plasma.** Canadian AgriSafety Applied Science Program, Agrivita Inc, $69,574. 04-2024 to 03-2028

Faculty, Staff, and Students of CCRAH

Resident Faculty

- **Dr. Allison Cammer**
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- **Dr. James Dosman**
- **Dr. Roland Dyck**
- **Dr. George Katselis**
- **Dr. Shelley Kirychuk**
- **Dr. Niels Koehncke**
- **Dr. Julie Kosteniuk**
- **Dr. Angelica Lang**
- **Dr. Joshua Lawson**
- **Dr. Stacey Lovo**
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- **Dr. Alan Rosenberg**
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Staff

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- **Heather Alford**, Research Assistant
- **Julie Beitel**, Research Dietitian
- **Shelley Biller**, Clerical Support
- **Mira Bisso**, Research Assistant
- **Chelsie Cameron**, Research Assistant
- **Dr. Paulos Chumala**, Research Technician
- **Jean Daku**, Nurse Practitioner
- **Hamza Dani**, Research Coordinator
- **Sueli de Freitas**, Communications & Public Relations
- **Joe Desjarlais**, Community Liaison & Knowledge Mobilization
- **Jill Dosman**, Research Assistant
- **Lynette Epp**, Research Program Manager & Team Coordinator
- **Jennifer Fairbairn**, Physiotherapist
- **Andrea Fernandez**, Research Assistant
- **Dr. Matthieu Girard**, Communications Manager
- **Kara Gorman**, Research Assistant
- **Whitney Harder**, Clinic Nurse
- **Leslie Holfeld**, Research Assistant
- **Bisma Ikram**, Research Analyst
- **Dr. Meera Kachroo**, Professional Research Associate
- **Dr. Chandima Karunanayake**, Professional Research Associate
- **Atiya Abdul Karim**, Research Assistant
- **Manpreet Kaur**, Research Assistant
- **Tess Kelly**, Research Assistant
- **Roya Khoshnoodi**, Research Assistant
- **Tamra Knaus**, Project Coordinator
- **Laura Lewis**, Research Assistant
- **Brayden Lockinger**, Research Assistant
- **Caden Loeppky**, Research Assistant
- **Jille Magnus**, Communications
- **Karen Marcinkiw**, Registered Nurse
- **Abraleigh McIntyre**, Pediatric Scheduling Assistant
- **Duane Minish**, Research Officer
- **Zarlish Mubashar**, Research Technician
- **Sheila Naytowhow**, Research Assistant
- **Lauren Radom**, Director's Administrator
- **Sara Reena**, Research Assistant & Administration
- **Iris Rugg,** Executive Administrative Assistant
- **Shelly Sander**, Administrative Assistant & Discover Days Coordinator
- **Rebecca Sawatsky**, Research Assistant
- **Jeremy Seeseequasis**, Research Assistant
- **Nadia Smith**, Program Manager and Administrative Assistant
- **Brooke Thompson**, Research Manager
- **Katie Thompson**, Communications

- **Jesse Ukrainetz**, Research Assistant
- **Joan Ulmer**, Research Assistant
- **Kendra Ulmer**, AHSN Manager
- **Darla Walz**, Clinic Nurse
- **Jim Wassermann**

Students

Undergraduate

- **Abd Alras**, Undergraduate Medical Student
- **Ainslee Bristol**
- **Baylee Cresswell**
- **Atharv Govardhan**
- **Jeshua Suresh Devanesan Jacob**
- **Noah Kim**, Undergraduate Medical Student
- **Hannah Kolkman**
- **Thera Kusch**
- **Brayden Lockinger**
- **Ellen Marshall**
- **Jacqueline Morris**
- **Martin Ugwu**
- **Erika Whyte**
- **Bonnie Yang**
- **Tayah Zhang**, Undergraduate Medical Student

Gradute

- **Shirmin Bintay**, MSc student
- **Kat Bear**, MPT Student Research
- **Briana Bowes**, MSc Student
- **Ashlee Buekert**, MSc student
- **Lauryn Campbell**, MSc student
- **Daniel Chao**, MSc student
- **Bill Duncan**, MPT Student
- **Mackenzie Eberts**, MPT Summer Research
- **Rachel Forest**, SRS Student Research
- **Mohsen Ghamari**, MSc student
- **Logane Gnassi**, MA student
- **Haidyn Golinowski**, MPT Student
- **Kara Gorman**, M.SoTL
- **Ben Grundmanis**, MPT Student Research
- **Greg Guenther**, MSc student
- **Jubayer**, MSc student
- **Abby Lehmann**, MSc student
- **James Matheson**, MSc student
- **Sheila Naytowhow**, MSc student
- **Dianela Riverio**, MPT Practicum Student
- **Sara Sagen**, MSc student
- **Rebecca Sawatsky**, MSc Student
- **Dawson Stillinger**, MPT Student Research
- **Alejandra Castillo Toro**, MSc student
- **Heather Alford**, PhD student
- **Denise Balogh**, PhD student
- **Cindy Deschenes**, PhD student
- **Amanda Dupperon**, PhD student
- **Patrick Fahim**, PhD student
- **Sarah Fitzgerald**, PhD student
- **Meghan Flath**, PhD student
- **Emily Gulka**, PhD student
- **Shannon Hyslop**, PhD student
- **Erin Leeder**, PhD student
- **Kathleen McMullin**, PhD student
- **Barada S Mohanty**, PhD student
- **Lacey Nairn Pederson**, PhD student
- **Carrie Stavness**, PhD Education, SoTL
- **Kendra Usunier**, PhD student
- **Jordan Wellsch**, PhD student

Post-Doctoral Fellow

- **Armin Alizadehshirazinezhad**
- **Suvadra Datta Gupta**
- **Dr. Kenzie Friesen**
- **Shlok Malusare**
- **Ethan Patterson**, Family Medicine Resident

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- **Farzana Ali,** PhD Student
- **Heather Alford,** PhD Student
- **Jessica Brar,** MSc Student
- **Craig Eling**
- **Emma Finch,** PhD Student
- **Adam Gulka,** Undergraduate research assistant volunteer
- **Parisa Jandaghi,** PhD Student
- **Yuta Katsumata,** MSC student
- **Mercy Kehinde,** PhD Student
- **Krishna Kolen**
- **Gopinath Narasimhan,** PhD Student
- **Lucia New,** PhD Student
- **Anna Oliver,** MSc Student
- **Kavitha Ramachandran,** PhD Student
- **Micah Sapaden**
- **Veronica Segbedzie**, PhD Student
- **Cohen Swan**, Undergraduate research assistant volunteer
- **Martin Ugwu**, Undergraduate research assistant volunteer
- **Wendy Verity**, PhD Student
- **Cherie Ziscke**, PhD Student

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ARTSANDSCIENCE.USASK.CA

Departments

- Psychology
- Chemistry

UNIVERSITY OF SASKATCHEWAN
College of Law
LAW.USASK.CA

UNIVERSITY OF SASKATCHEWAN
College of Nursing
NURSING.USASK.CA

UNIVERSITY OF SASKATCHEWAN
College of Dentistry
DENTISTRY.USASK.CA

UNIVERSITY OF SASKATCHEWAN
Toxicology Centre
USASK.CA/TOXICOLOGY

UNIVERSITY OF SASKATCHEWAN
College of Kinesiology
KINESIOLOGY.USASK.CA

UNIVERSITY OF SASKATCHEWAN
School of Environment and Sustainability
SENS.USASK.CA

UNIVERSITY OF SASKATCHEWAN
Global Institute for Water Security
USASK.CA/WATER

UNIVERSITY OF SASKATCHEWAN
Centre for the Study of Co-operatives
USASKSTUDIES.COOP

UNIVERSITY OF SASKATCHEWAN
College of Agriculture and Bioresources
DEPARTMENT OF ANIMAL AND POULTRY SCIENCE
AGBIO.USASK.CA

UNIVERSITY OF SASKATCHEWAN
College of Pharmacy and Nutrition
PHARMACY-NUTRITION.USASK.CA

UNIVERSITY OF SASKATCHEWAN
School of Public Health
SPH.USASK.CA

EDWARDS
SCHOOL OF BUSINESS
UNIVERSITY OF SASKATCHEWAN


The Children's Hospital Research Institute of Manitoba


Canadian Light Source
Centre canadien de rayonnement synchrotron


RUH
FOUNDATION


Agilent Technologies


UNIVERSIDAD NACIONAL DE LA PLATA


Brock
University


19
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UNIVERSITY
OF SILESIA


MEMORIAL
UNIVERSITY


YORK
UNIVERSITÉ
UNIVERSITY


The Open University


ELEMENT
CONNECT


Métis Nation
Saskatchewan


First Nations Capital
& Infrastructure Agency
of Saskatchewan


FIRE BIRD
Business Consulting


Red Circle Planning Group
STRENGTHENING FIRST NATIONS THROUGH COMMUNITY DEVELOPMENT


FSIN


SASKATOON
TRIBAL
COUNCIL


AIRTIGHT ENGINEERING INC
PASSIVE HOUSE + MECHANICAL DESIGN


SAISIA
Saskatchewan Association of Immigrant Settlement and Integration Agencies
Association des agences d'établissement et d'intégration des immigrants de la Saskatchewan


SaskPower
Powering the future®


Saskatchewan
Health Authority


Saskatoon
Open Door
Society


SOUTHWEST NEWCOMER
WELCOME
CENTRE


Saskatoon
Early Years
Family
Resource Centre
Operated by YMCA of Saskatoon




YORKTON TRIBAL
YTC
COUNCIL


Saskatoon
Housing
Initiatives
Partnership


mitacs

- Economic Development
- Homebuilders and Construction Company

























POUNDMAKER
CREE NATION



Onion Lake
Cree Nation
TREATY NO.6 TERRITORY







FOND DU LAC
DENESULINE FIRST NATION



SWEETGRASS
FIRST NATION



WHITECAP DAKOTA
FIRST NATION
WAPAHA SKA #94



The Key
First Nation
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VIDO


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SWINE
CENTRE


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GLOBAL INSTITUTE
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CASA | ACSA
CANADIAN AGRICULTURAL SAFETY ASSOCIATION
ASSOCIATION CANADIENNE DE SÉCURITÉ AGRICOLE


Ag-West Bio


CENTRE DE RECHERCHE
INSTITUT UNIVERSITAIRE
DE CARDIOLOGIE
ET DE PNEUMOLOGIE
DE QUÉBEC
UNIVERSITÉ LAVAL


GAAP
Global
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Agriculture and
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University of Nebraska
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LAVAL


BIOaerosols


irda
Institut de recherche
et de développement
en agroenvironnement


Université
de Montréal


irsst


Canadian Poultry
Research Council
Le Conseil De
Recherches Avicoles
Du Canada


Western
UNIVERSITY · CANADA


UNIVERSITY
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HIGH PLAINS INTERMOUNTAIN CENTER
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FOR AGRICULTURAL HEALTH & SAFETY


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UNIVERSITY
OF IOWA


PAMI


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Hypor

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Ag Health & Safety Alliance

SARM
Saskatchewan Association of Rural Municipalities

University of Regina

McGill University

TRENT UNIVERSITY

Baycrest

Sunnybrook Research Institute

McMaster University

University of Toronto

Brandon University

The University of British Columbia

University of Calgary

UHI University of the Highlands and Islands
Oilthigh na Gàidhealtachd agus nan Eilean

Swinburne University of Technology

Age-friendly Community
SCOA
saskatoon council on aging
Positive Aging for All

Saskatchewan Health Quality Council

Alzheimer Society Saskatchewan

FHQ Tribal Council

Saskatchewan

- **Ministry of Health**
- **Ministry of Agriculture**
- **Ministry of Labour Relations and Workplace Safety**

All Nations' Healing Hospital

CCNA Canadian Consortium on Neurodegeneration in Aging

CCNV Consortium canadien en neurodégénérescence associée au vieillissement

Universidade de São Paulo

UdS Université de Sherbrooke



Canadian Cancer Society



nātawihowin and mamawiikikayaahk
Research, Training, and Mentorship Networks
Saskatchewan NEIHR skneihr.ca













































ENHANCE RURAL AND AGRICULTURAL HEALTH OUTCOMES IN OUR WORLD

The Canadian Centre for Rural and Agricultural Health works with the University of Saskatchewan as part of the Be What The World Needs campaign.

Together, we have developed a Case for Support. It guides you to imagine ways to work with us to keep rural and agricultural people healthy and safe.

Thank you for putting your boots on the ground with us!



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